



No. 43

25 OCTOBER 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

Contents

Section I

Chart Corrections	I-1.1
Chartlets / Depth Tabulations / Notes	I-2.1
Charts Affected by Notice to Mariners	I-3.1

Section II

NIMA Hydrographic Products Catalog Corrections	II-1.1
Navigation Publications Corrections	II-2.1
USCG Light List Corrections / Radiobeacon Corrections	II-3.1
NIMA List of Lights / Radiobeacon / DGPS Corrections	II-4.1
Publications Affected by Notice to Mariners	II-5.1

Section III

Broadcast Warnings / MARAD Advisories / Special Warnings	III-1.1
Marine Information	III-2.1

Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>



NSN 7642015018963
NIMA REF.NO. NMXXX0343

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
QM2 Clint E. Tergeson	USS CORMORANT

Cover Photo: The **USNS GUADALUPE (T-AO 200)** is one of the Military Sealift Command's fourteen underway replenishment oilers and part of the 36 ships in the Naval Fleet Auxiliary Force (NFAF). NFAF ships are the lifeline to U.S. Navy ships at sea. By providing food, fuel, ammunition, spare parts and other supplies these ships enable our naval combatants to operate worldwide at the highest operational level possible. For years, the **GUADALUPE** has played a vital role in the re-supply of the Navy's Seventh Fleet ships operating in the Pacific. The **GUADALUPE** is 677 feet in length, has a beam of 97 feet, a draft of 35 feet and is crewed by civil service mariners. *Photo of USNS GUADALUPE courtesy of Military Sealift Command, Public Affairs Office.*

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 43/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

25 October 2003

ORDERING EXTRA COPIES OF NOTICE TO MARINERS 37/03

WHEN ORDERING EXTRA COPIES OF NOTICE TO MARINERS 37/03 FROM DLA IN RICHMOND VIRGINIA, PLEASE INCLUDE THE NIMA REFERENCE NUMBER NMXXX0337.

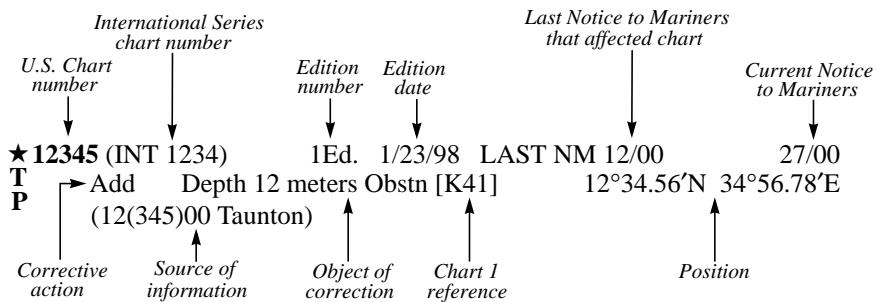
WARNING ON USE OF FLOATING AIDS

THE PRUDENT MARINER WILL NOT RELY SOLELY ON ANY SINGLE AID TO NAVIGATION, PARTICULARLY ON FLOATING AIDS. SEE SECTION III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 43/03

★11328	23Ed. 8/03	NEW EDITION				
Add	Tabulation of controlling depths from Subsection I-2 (Previously published 42/03)		43/03	★11532	20Ed. 2/02	LAST NM 39/03
(NOS)				Add	Tabulation of controlling depths from Subsection I-2 (NOS)	43/03
★11344	35Ed. 12/02	LAST NM 38/03		★11537	34Ed. 4/03	LAST NM 36/03
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	Add	Tabulation of controlling depths from Subsection I-2 (NOS)	43/03
★11347	33Ed. 7/02	LAST NM 32/03 (Side A)		11545	60Ed. 9/02	LAST NM 39/03
Add	Tabulation of controlling depths from Subsection I-2 (Side B)		43/03	Add	Tabulation of controlling depths from Subsection I-2 (NOS)	43/03
(NOS)	Tabulation of controlling depths from Subsection I-2			★11547	35Ed. 3/30/02	LAST NM 39/03
★11348	20Ed. 8/03	NEW EDITION		Add	Tabulation of controlling depths from Subsection I-2 (NOS)	43/03
(NOS)			43/03	★12205	28Ed. 8/03	NEW EDITION
★11350	25Ed. 7/03	NEW EDITION		(NOS)		43/03
(NOS)			43/03	★12282	34Ed. 9/03	NEW EDITION
★11353	2Ed. 3/16/02	LAST NM 34/03		(NOS)		43/03
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	★12313	49Ed. 7/03	LAST NM 35/03
(NOS)				Add	Tabulation of controlling depths from Subsection I-2 (NOS)	43/03
★11363	38Ed. 3/30/02	LAST NM 38/03		★12369	25Ed. 6/02	LAST NM 36/03
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	Add	Tabulation of controlling depths from Subsection I-2 (NOS)	43/03
(NOS)				★13274	25Ed. 9/03	NEW EDITION
11364	39Ed. 11/02	LAST NM 35/03		(NOS)		43/03
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	Relocate	Buoy "6" from 42°25'30"N 70°57'08"W to 42°25'48"N 70°56'56"W	
(NOS)					Buoy "4" from 42°25'24"N 70°57'10"W to 42°25'31"N 70°57'11"W	
11369	44Ed. 12/02	LAST NM 27/03		(Previously published 42/03)		43/03
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	Change	Buoy to "10" R, Fl R 6s	42°26'05"N 70°56'43"W
(NOS)					Buoy to "14" R, Fl R 4s	42°26'52"N 70°56'24"W
★11505	1Ed. 9/23/00	LAST NM 34/03				42°27'14"N 70°56'37"W
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	(NOS)		(Previously published 42/03)
(NOS)				★14175	Ed. 9/18/98	NEW CHART (Plan)
★11506	40Ed. 1/03	LAST NM 34/03		Change	Light to QR 8m	47°39'06.0"N 65°37'24.0"W
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03		Light to Iso R 4s 18m	47°38'54.0"N 65°37'24.0"W
(NOS)				(NIMA; Can LL)		
★11512	59Ed. 1/03	LAST NM 34/03		★14181	3Ed. 4/1/95	CHART CANCELED
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	(NIMA)		43/03
(NOS)				★14198	Ed. 3/00	NEW CHART
11514	26Ed. 7/02	LAST NM 34/03 (Side A)		(NIMA)		43/03
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	★14206	20Ed. 9/26/98	CHART CANCELED
(NOS)				(NIMA)		43/03
★11516	30Ed. 8/03	NEW EDITION		★14217	Ed. 9/25/98	NEW CHART
(NOS)			43/03	(NIMA)		43/03
★11524	46Ed. 12/02	LAST NM 34/03		★14240	6Ed. 1/28/95	CHART CANCELED
Add	Tabulation of controlling depths from Subsection I-2 (NOS)		43/03	(NIMA)		43/03
(NOS)				★14815	22Ed. 8/4/90	LAST NM 47/01
				Add	Tabulation of controlling depths from Subsection I-2 (NOS)	43/03

SECTION I

★14833	25Ed. 5/24/97 LAST NM 26/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	43/03	17525	Ed. 4/28/89 LAST NM N15/03 Change Characteristic of light to Iso R 2s 50°36'28"N 127°00'38"W (5(3546)03 Ottawa)	N43/03
★14839	36Ed. 12/02 LAST NM 9/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	43/03	17543	17Ed. 10/29/94 LAST NM 41/02 Delete Buoy "MC" Fog Sig from light Change Light to Fl 12s 31m 19M (5(3001, 3683)03 Ottawa; Can LL)	43/03 49°59.5'N 127°26.9'W 49°59.9'N 127°26.9'W 49°35.6'N 126°36.8'W
★14843	22Ed. 6/6/92 LAST NM 51/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	43/03	17545	13Ed. 4/29/95 LAST NM 47/02 Change Light to Fl 12s 101ft 19M (5(3001)03 Ottawa; Can LL)	43/03 49°35'34"N 126°36'56"W
14846	11Ed. 3/17/01 LAST NM 2/03 (Page 1) Add Tabulation of controlling depths from Subsection I-2 (NOS)	43/03	17546	22Ed. 10/29/94 LAST NM 35/03 Delete Fog Sig from light Change Light to Fl 12s 31m 19M (5(3001)03 Ottawa; Can LL)	43/03 49°23.0'N 126°32.7'W 49°35.4'N 126°36.8'W
★14847	30Ed. 10/30/99 LAST NM 40/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	43/03	17548	28Ed. 8/12/95 LAST NM 16/03 Delete HORN from light (5(3001)03 Ottawa)	43/03 48°47'12"N 125°12'56"W
★14975	33Ed. 10/02 LAST NM 52/02 Substitute Depth 14 feet for 17 feet 46°43'41.2"N 92°08'32.8"W	43/03	17550	4Ed. 12/3/94 LAST NM 52/02 Delete HORN from light HORN from light HORN from light (5(3001)03 Ottawa)	43/03 48°47.2'N 125°12.9'W 48°36.7'N 124°45.0'W 48°43.3'N 125°05.8'W
16700	28Ed. 7/03 LAST NM 40/03 Add Superbuoy ODAS [Q58] "46081" Y, Fl(4) Y 20s 60°46.5'N 148°12.3'W (NTM0022/2003)	43/03	18003	19Ed. 3/03 LAST NM 41/03 Delete HORN from light HORN from light HORN from light (5(3001)03 Ottawa)	43/03 48°47.0'N 125°13.0'W 48°43.5'N 125°06.0'W 48°36.7'N 124°45.0'W
★16705	19Ed. 11/3/01 LAST NM 16/03 Add Superbuoy ODAS [Q58] "46081" Y, Fl(4) Y 20s 60°46'31"N 148°12'17"W (NTM0022/2003)	43/03	18020	36Ed. 1/27/01 LAST NM 40/03 Change Visibility (range) of light "3" to 6M (38/03 CG11) 33°35.3'N 117°52.8'W	43/03
17005	10Ed. 5/27/95 LAST NM 35/03 Delete Legend "Fog Sig" Fog Sig from light Fog Sig from light Fog Sig from light Fog Sig from light Fog Sig from light Change Light to Fl 12s 101ft 19M (5(3001, 3683)03 Ottawa; Can LL)	43/03	18022	33Ed. 1/26/02 LAST NM 40/03 Change Visibility (range) of light "3" to 6M (38/03 CG11) 33°35.3'N 117°52.8'W	43/03
★17428	7Ed. 2/25/95 LAST NM 36/03 Add Beacon W Or (Priv) (9/03 CG17)	43/03	18400	44Ed. 8/03 LAST NM 41/03 Delete HORN from light (5(3001)03 Ottawa)	43/03 48°36.7'N 124°45.1'W
17434	11Ed. 5/6/95 LAST NM 36/03 Add Beacon W Or (Priv) (9/03 CG17)	43/03	★18423	33Ed. 10/02 LAST NM 39/03 (Page B, Inset 1) Change Legend to "23 FT SEP 02-MAR 03" Legend to "20 FT" Legend to "14 1/2 FT" (NOS)	43/03 48°45'15"N 122°30'59"W 48°45'32"N 122°30'39"W 48°45'27"N 122°30'51"W
17515	7Ed. 7/15/95 LAST NM 36/03 Relocate Light (Fl G) from 49°51'52"N 124°33'31"W to 49°51'42"N 124°33'13"W Light (Fl R) from 49°51'47"N 124°33'26"W to 49°51'36"N 124°33'11"W Add Light Fl (Priv) 49°51'59"N 124°33'34"W Caution note "CAUTION The Powell River Floating Breakwater has been reconfigured. The entrance is now at the south end and is marked by the Fl G and Fl R lights. 49°53'20"N 124°31'45"W (5(3311)03 Ottawa)	43/03	18460	11Ed. 12/02 LAST NM 7/03 Delete HORN from light HORN from light (5(3001)03 Ottawa)	43/03 48°36.7'N 124°45.1'W 48°43.3'N 125°05.8'W
			18480	29Ed. 12/02 LAST NM 7/03 Delete HORN from light HORN from light HORN from light (5(3001)03 Ottawa)	43/03 48°47.2'N 125°13.0'W 48°36.7'N 124°45.1'W 48°43.3'N 125°05.8'W
			★18583	38Ed. 11/4/00 LAST NM 12/03 Delete Depth 15 feet Depth 22 feet (See 49/02-18583)	43/03 44°01'04.7"N 124°09'07.1"W 44°01'05.4"N 124°08'59.0"W
			Add Depth 28 feet Depth 33 feet Depth 25 feet (NOS)	44°01'05.0"N 124°09'08.4"W 44°01'05.1"N 124°08'58.7"W 44°01'07.9"N 124°09'04.2"W	

SECTION I

NM 43/03

SECTION I

18662	(Continued)			
	Note to			
	"SACRAMENTO RIVER DEEP WATER SHIP CHANNEL 162.205 (see note A) Controlling depth for a width of 200 feet was 28.7 feet from the channel entrance (38°03'50"N, 121°51'09"W) to Lt. "40", thence 30.3 feet to Lt. "52", thence 28.4 feet to Lt. "60", thence 26.6 feet to Lt. "70", thence 32.8 feet to Lt "86" and 28.3 feet in the turning basin at West Sacramento. May 1989-Apr 2003"	38°31'25"N 121°36'20"W		
Change	(Side B)			
	Note to			
	"SACRAMENTO RIVER DEEP WATER SHIP CHANNEL 162.205 (see note A) Controlling depth for a width of 200 feet was 28.7 feet from the channel entrance (38°03'50"N, 121°51'09"W) to Lt. "40", thence 30.3 feet to Lt. "52", thence 28.4 feet to Lt. "60", thence 26.6 feet to Lt. "70", thence 32.8 feet to Lt "86" and 28.3 feet in the turning basin at West Sacramento. May 1989-Apr 2003"	38°31'25"N 121°36'20"W		
18663	5Ed. 1/03 LAST NM 14/03	43/03		
Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
★18754	17Ed. 7/03 LAST NM 39/03	43/03		
Change	Visibility (range) of light "3" to 6M (38/03 CG11)	33°35'17.9"N 117°52'45.9"W		
19327	10Ed. 12/6/97 LAST NM 23/03	43/03		
Relocate	Light from 19°38'21"N 155°59'48"W to 19°38'19"N 155°59'49"W			
	Note: Sectors remain unchanged (35/03 CG14)			
★19331	7Ed. 3/3/01 LAST NM 23/03	43/03		
Delete	Light	19°38'20.7"N 155°59'47.7"W		
Add	Light Oc WRG 4s 31ft with sectors red 310°-020°, white-026°, green-060° (35/03 CG14)	19°38'18.5"N 155°59'48.6"W		
★19348	7Ed. 3/24/01 LAST NM 29/03	43/03		
Add	Light "1" Fl G 4s 10ft (Priv) Light "2" Fl R 4s 10ft (Priv) Light "3" Fl G 4s 10ft (Priv) Light "4" Fl R 4s 10ft (Priv) (36/03 CG14)	20°53'15.1"N 156°41'16.6"W 20°53'14.4"N 156°41'17.8"W 20°53'12.2"N 156°41'14.2"W 20°53'11.8"N 156°41'15.4"W		
22052	6Ed. 1/14/95 LAST NM 34/03	43/03		
Add	Beacon "Turistico" Y, Fl(2) Y 12s 5m 8M 3°53'18"N 77°04'56"W			
	(Plan)			
Add	Beacon "Turistico" Y, Fl(2) Y 12s 5m 8M (130/03 Bogota)	3°53'18"N 77°04'56"W		
★25673	15Ed. 5/2/98 LAST NM 42/02	43/03		
Delete	Depth 23 feet Depth 28 feet Depth 17 feet	18°13'09.2"N 67°09'55.2"W 18°13'01.2"N 67°09'48.1"W 18°12'58.7"N 67°09'37.0"W		
Substitute	Depth 19 feet for 22 feet	18°13'00.3"N 67°09'40.8"W		
Add	Depth 29 feet Depth 12 feet	18°13'09.4"N 67°09'56.2"W 18°12'58.5"N 67°09'36.5"W		
	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
26081	8Ed. 5/11/85 LAST NM 42/03	43/03		
Delete	Buoy (pillar) in vicinity	12°32'22"N 81°44'09"W		
Add	Buoy BRB, pillar, double ball topmark, Fl 5s (132/03 Bogota)	12°32'14"N 81°44'09"W		
35036	21Ed. 8/23/97 LAST NM 27/03	43/03		
Add	Beacon BRB, double ball topmark, Fl(2) 10s 5M SIREN with legend "Underwater Turbines (12)" (28/2964)03 Taunton)	51°15.3'N 3°47.6'W		
36005	(INT 1070) 2Ed. 2/24/96 LAST NM 31/03	43/03		
Add	Depth 80 meters Wk (38/4058)03 Taunton)	49°31.5'N 5°19.8'W		
36010	27Ed. 10/4/97 LAST NM 23/03	43/03		
Add	Beacon BRB, double ball topmark, Fl(2) 10s 5M SIREN with legend "Underwater Turbines (12)" (28/2964)03 Taunton)	51°15.3'N 3°47.6'W		
36143	4Ed. 6/6/98 LAST NM 30/03	43/03		
Substitute	Drying height [I15] 1 meter for 2.5 meters at stranded wreck (Supersedes 30/03-36143) (28/2963)03 Taunton)	51°34'39.6"N 3°58'45.8"W		
36165	6Ed. 9/6/97 LAST NM 30/03	43/03		
Substitute	Drying height [I15] 1 meter for 2.5 meters at stranded wreck (Supersedes 30/03-36165) (28/2963, 2964)03 Taunton)	51°34'40"N 3°58'46"W		
37000	(INT 140) 22Ed. 8/19/95 LAST NM 23/03	43/03		
Delete	RC at light Note: Racon remains	51°55.5'N 3°40.2'E		
	RC at light RC at light RC at light RC at light RC at light (7/104)00 's-Gravenhage	51°58.9'N 4°06.8'E 52°27.8'N 4°34.6'E 53°11.0'N 4°51.4'E 53°17.8'N 5°03.6'E 53°27.0'N 5°37.6'E		
37010	23Ed. 9/7/96 LAST NM 30/03	43/03		
Delete	R Bn at light Note: Racon remains	51°55.5'N 3°40.2'E		
	R Bn at light R Bn at light R Bn at light R Bn at light R Bn at light (7/104)00 's-Gravenhage	51°58.9'N 4°06.8'E 52°27.8'N 4°34.6'E 53°11.0'N 4°51.4'E 53°17.8'N 5°03.6'E 53°27.0'N 5°37.6'E		
37025	26Ed. 8/9/97 LAST NM 41/03	43/03		
Change	Light to Fl(2) 21M HORN (1/2)02 Cadiz	43°29.4'N 3°47.5'W		
37032	2Ed. 9/12/98 LAST NM 42/03	43/03		
Change	Light to Fl(2) 21M HORN (1/2)02 Cadiz	43°29.4'N 3°47.5'W		
37043	17Ed. 8/2/97 LAST NM 20/02	43/03		
Add	Depth 6.5 meters Wk [K26] (34/3681)03 Taunton)	50°20'08"N 4°08'58"W		
37046	18Ed. 12/13/97 LAST NM 31/02	43/03		
Add	Depth 6.5 meters Wk [K26] (34/3681)03 Taunton)	50°20'08"N 4°08'58"W		

SECTION I

NM 43/03

37060	3Ed. 8/16/97 LAST NM 18/03 Add Depth 6.5 meters Wk [K26] (34(3681)03 Taunton)	43/03 50°20.1'N 4°08.9'W	37166	2Ed. 7/13/96 LAST NM 40/03 Delete R Bn at light Note: Racon remains	43/03 51°55.5'N 3°40.2'E
37063	21Ed. 3/15/97 LAST NM 50/02 Add Buoy Y, spherical, Fl(5) Y 20s (35(3787)03 Taunton)	43/03 50°42'41"N 1°50'22"W		R Bn at light R Bn at light R Bn at light R Bn at light	51°58.9'N 4°06.8'E 52°27.8'N 4°34.6'E 53°11.0'N 4°51.4'E 53°17.8'N 5°03.6'E
37075	3Ed. 7/5/97 LAST NM 18/03 Add Buoy Y, spherical, Fl(5) Y 20s (35(3787)03 Taunton)	43/03 50°42.7'N 1°50.4'W		Add Submarine cable [L30.1] joining	52°11.5'N 1°37.5'E 52°10.6'N 1°40.6'E 52°11.5'N 1°50.0'E 52°10.0'N 1°52.5'E 52°08.6'N 2°00.0'E 51°59.4'N 2°13.0'E 51°57.4'N 2°12.7'E 51°50.0'N 2°18.8'E
37120	2Ed. 3/22/97 LAST NM 42/03 Add Submarine cable [L30.1] joining	43/03 51°41.4'N 2°34.0'E 51°35.1'N 2°49.9'E 51°34.7'N 2°52.9'E 51°28.8'N 3°04.4'E 51°23.3'N 3°05.2'E 51°19.7'N 3°10.7'E (48(546)00 's-Gravenhage)		"Explosives Dumping Area" [N23.1] bound by purple composite line joining	52°15.5'N 3°49.6'E 52°15.5'N 3°51.5'E 52°14.0'N 3°51.5'E 52°14.0'N 3°49.6'E (7(104), 48(546, 550)00 's-Gravenhage)
37140	33Ed. 5/25/96 LAST NM 42/03 Add Submarine cable [L30.1] joining	43/03 52°11.5'N 1°37.5'E 52°10.6'N 1°40.6'E 52°11.5'N 1°50.0'E 52°10.0'N 1°52.5'E 52°08.6'N 2°00.0'E 51°59.4'N 2°13.0'E 51°57.4'N 2°12.7'E 51°46.9'N 2°20.4'E 51°46.3'N 2°21.9'E (48(546)00 's-Gravenhage)	37223	14Ed. 9/2/95 LAST NM 39/03 Delete R Bn at light R Bn at light R Bn at light	43/03 53°11.0'N 4°51.4'E 53°17.8'N 5°03.6'E 53°27.0'N 5°37.6'E (7(104)00 's-Gravenhage)
37150	8Ed. 12/20/97 LAST NM 41/03 Add Submarine cable [L30.1] joining	43/03 52°11'30"N 1°37'30"E 52°10'34"N 1°40'35"E 52°11'31"N 1°50'01"E 52°10'00"N 1°52'28"E 52°08'34"N 2°00'01"E 52°04'54"N 2°05'15"E (48(546)00 's-Gravenhage)	37241	17Ed. 8/2/97 LAST NM 39/03 Delete RC at light Note: Racon remains	43/03 51°55'30"N 3°40'12"E RC at light (7(104)00 's-Gravenhage) 51°58'54"N 4°06'50"E
37161	14Ed. 3/15/97 LAST NM 41/03 Add Submarine cable [L30.1] joining	43/03 52°11'30"N 1°37'30"E 52°10'34"N 1°40'35"E 52°11'31"N 1°50'01"E 52°10'00"N 1°52'28"E 52°08'34"N 2°00'01"E 52°04'02"N 2°06'30"E (48(546)00 's-Gravenhage)	37244	11Ed. 2/1/97 LAST NM 39/03 Delete R Bn at light Note: Racon remains	43/03 51°55.5'N 3°40.2'E R Bn at light 51°58.9'N 4°06.8'E Add Submarine cable [L30.1] joining 52°11.3'N 1°56.0'E 52°08.6'N 2°00.0'E 51°59.4'N 2°13.0'E 51°57.4'N 2°12.7'E 51°46.9'N 2°20.4'E 51°35.1'N 2°49.9'E 51°34.7'N 2°52.9'E 51°28.8'N 3°04.4'E 51°23.3'N 3°05.2'E 51°22.2'N 3°07.3'E (7(104), 48(546)00 's-Gravenhage)
37162	12Ed. 5/18/96 LAST NM 40/03 Delete R Bn at light Note: Racon remains	43/03 51°55.5'N 3°40.2'E R Bn at light 51°58.9'N 4°06.8'E R Bn at light 52°27.8'N 4°34.6'E Add "Explosives Dumping Ground" [N23.1] area bound by purple composite line joining 52°15.5'N 3°49.6'E 52°15.5'N 3°51.5'E 52°14.0'N 3°51.5'E 52°14.0'N 3°49.6'E (7(104), 48(550)00 's-Gravenhage)	37246	14Ed. 5/16/98 LAST NM 40/03 Change Designation of buoy "SS13A" to "13A"	43/03 51°23'52"N 3°42'00"E (7(106)00 's-Gravenhage)
37163	19Ed. 5/9/98 LAST NM 32/03 (Panel A) Delete RC at light (7(104)00 's-Gravenhage)	43/03 52°27'47"N 4°34'34"E	37248	18Ed. 2/14/98 LAST NM 41/03 Add Submarine cable [L30.1] joining	43/03 51°37'09.6"N 2°44'48.0"E 51°35'04.8"N 2°49'53.4"E 51°34'39.6"N 2°52'55.2"E 51°28'49.8"N 3°04'22.2"E 51°23'16.8"N 3°05'10.2"E 51°19'42.6"N 3°10'40.2"E (48(546)00 's-Gravenhage)
37164	4Ed. 1/25/97 LAST NM 37/03 (Panel B) Delete RC at light (7(104)00 's-Gravenhage)	43/03 52°27'47"N 4°34'34"E	37360	15Ed. 6/22/96 LAST NM 39/03 Delete Dangerous wreck	43/03 47°45.5'N 4°03.9'W Substitute Depth 89 meters Wk [K26] for 122 meters Obstn 47°09.5'N 4°15.8'W Depth 4 meters Wk [K30] (unsurveyed) for wreck 47°43.7'N 4°03.6'W (Supersedes 43/02-37360) (22(8), 44(15, 16)02 Brest)
37165	2Ed. 2/3/96 LAST NM 39/03 Delete R Bn at light (7(104)00 's-Gravenhage)	43/03 53°27.0'N 5°37.6'E			

SECTION I

37380	2Ed. 9/11/93 LAST NM 41/03 Delete Position circle "W TR"	43/03 47°20.1'N 2°25.6'W	Depth 3 fathoms 1 foot (13(614), 15(672)03 Stavanger)	67°37'48"N 14°36'12"E
Change	Light to Q 15M Light to Q 15M (22(9), 44(18)02 Brest)	46°41.9'N 1°56.7'W 46°42.0'N 1°56.6'W		
37400 (INT 1803)	10Ed. 3/12/88 LAST NM 41/03 Change Light to 2Q 15M	43/03 46°41.9'N 1°56.7'W		
Add	"Dredging Area" bound by purple dashed line joining	46°06.0'N 1°36.1'W 46°06.0'N 1°32.9'W 46°05.6'N 1°32.9'W 46°05.6'N 1°35.3'W (22(10), 44(18)02 Brest)		
37401	9Ed. 1/31/98 LAST NM 36/03 Add "Dredging Area" bound by purple dashed line joining	43/03 46°06'00.0"N 1°36'06.0"W 46°06'00.0"N 1°32'54.0"W 46°05'33.0"N 1°32'54.0"W 46°05'33.0"N 1°35'18.0"W (22(10)02 Brest)		
37463	6Ed. 2/24/96 LAST NM 1/03 Change Light to Fl(2) 10s 91m 21M HORN	43/03 43°29'25"N 3°47'27"W		
	(Plan) Change Light to Fl(2) 10s 91m 21M HORN	43°29'25.2"N 3°47'27.0"W (1(2)02 Cadiz)		
42036	2Ed. 5/10/97 LAST NM 3/98 Delete Plan B Plan C	43/03 78°00.0'N 16°00.0'E 78°00.0'N 17°00.0'E		
Change	Legend to "42038 PLAN A" Legend to "42038 PLAN B" (NIMA)	77°43.5'N 14°25.0'E 77°40.5'N 14°40.0'E		
42038	2Ed. 6/7/97 LAST NM 32/97 Substitute Depth 1.7 meters for 7 meters	43/03 77°03.8'N 16°01.7'E		
	(Plan A) Distances and bearings from Askeloya Light in lower center of plan			
Add	Buoy G, pillar, Fl G 3s, 710 meters 261°36' Buoy R, pillar, Fl R 3s, 1470 meters 273°06' (16(731, 732)03 Stavanger)			
43144	4Ed. 4/19/97 LAST NM 12/03 Add Danger circle [K40] "Obstn (Marine farm)"	43/03 68°14.2'N 17°18.9'E (16(724)03 Stavanger)		
43148	4Ed. 2/3/96 LAST NM 8/99 Add Submarine cable [L30.1] joining	43/03 68°24'18.0"N 17°25'26.8"E 68°24'28.9"N 17°26'13.3"E 68°24'32.9"N 17°26'16.3"E (16(725)03 Stavanger)		
43166	2Ed. 8/21/76 LAST NM 36/96 Delete Depth 43 fathoms Depth 4 fathoms 2 feet	43/03 67°38'28"N 14°29'42"E 67°37'47"N 14°36'12"E		
Substitute	Depth 3 fathoms 5 feet for 5 fathoms 3 feet Depth 4 fathoms 2 feet for 6 fathoms Depth 6 fathoms 3 feet for 7 fathoms Depth 6 fathoms for 13 fathoms	67°38'59"N 14°27'20"E 67°38'59"N 14°27'47"E 67°38'23"N 14°29'45"E 67°38'55"N 14°29'18"E		
Add	Depth 2 fathoms Depth 4 fathoms 2 feet Depth 6 fathoms 3 feet Depth 3 fathoms 5 feet Depth 5 fathoms 3 feet Depth 5 fathoms 3 feet	67°38'43"N 14°27'52"E 67°38'48"N 14°28'16"E 67°38'38"N 14°28'36"E 67°38'54"N 14°29'01"E 67°38'43"N 14°29'29"E 67°38'34"N 14°29'25"E		
43181	3Ed. 3/19/94 LAST NM 36/96 Delete Depth 7 fathoms Depth 14 fathoms Depth 8 fathoms 4 feet	43/03 66°32'35"N 12°37'30"E 66°40'37"N 12°59'18"E 66°40'04"N 12°59'19"E		
Substitute	Depth 2 fathoms 1 foot for 3 fathoms 5 feet Depth 4 fathoms 2 feet for 12 fathoms Depth 3 fathoms 1 foot for 10 fathoms	66°32'15"N 12°37'56"E 66°38'54"N 12°55'06"E 66°40'01"N 12°58'59"E		
Change	Height of light to 19ft	66°34'24"N 13°11'18"E		
Add	Depth 3 fathoms 5 feet Depth 3 fathoms 1 foot Depth 2 fathoms 4 feet Depth 2 fathoms 4 feet Depth 5 fathoms 3 feet Depth 4 fathoms 4 feet Depth 3 fathoms Depth 4 fathoms 3 feet Depth 4 fathoms 1 foot Depth 3 fathoms 5 feet Depth 3 fathoms 3 feet Depth 2 fathoms 3 feet (16(720, 721)03 Stavanger)	66°32'40"N 12°38'31"E 66°32'48"N 12°38'16"E 66°32'49"N 12°37'53"E 66°32'44"N 12°37'51"E 66°32'34"N 12°37'21"E 66°40'40"N 12°59'26"E 66°40'46"N 13°01'32"E 66°40'05"N 12°59'29"E 66°39'50"N 13°01'18"E 66°39'40"N 13°00'21"E 66°39'33"N 12°59'42"E 66°39'36"N 12°58'00"E		
43283	6Ed. 8/17/96 LAST NM 40/03 Add Depth 7 meters	43/03 61°56'07"N 5°06'58"E (16(718)03 Stavanger)		
43284	4Ed. 12/18/93 LAST NM 40/03 Add Depth 7 meters	43/03 61°56'09"N 5°07'04"E (16(718)03 Stavanger)		
43303	4Ed. 6/27/98 LAST NM 51/02 Add Submarine pipeline [L40.1] joining	43/03 60°34'26"N 5°13'49"E 60°34'19"N 5°13'46"E 60°34'01"N 5°13'50"E 60°33'58"N 5°13'38"E (16(717)03 Stavanger)		
43304	2Ed. 9/5/92 LAST NM 50/02 (Plan) Add Double solid line with land tint (pier) [F14] 20 meters wide on centerline joining	43/03 60°48'30.3"N 5°02'53.6"E 60°48'33.0"N 5°02'56.5"E 60°48'34.0"N 5°02'56.5"E 60°48'34.5"N 5°02'53.5"E (16(716)03 Stavanger)		
43360	21Ed. 1/4/97 LAST NM 32/03 Change Characteristic of light to Oc WR 10s	43/03 (16(712)03 Stavanger)		
43368	5Ed. 8/21/93 LAST NM 13/00 Change Characteristic of light to Oc WR 10s	43/03 58°58'09"N 10°08'53"E (16(712)03 Stavanger)		
43369	6Ed. 12/24/94 LAST NM 24/01 Change Characteristic of light to Oc WR 10s	43/03 58°58'09"N 10°08'53"E (16(712)03 Stavanger)		
43371	13Ed. 4/17/99 LAST NM 38/03 Add Purple outline of chart 43374 joining (NIMA)	43/03 59°39'00"N 10°28'00"E 59°53'00"N 10°28'00"E 59°53'00"N 10°47'00"E 59°39'00"N 10°47'00"E		

SECTION I

NM 43/03

43374	1Ed. 1/15/00 LAST NM 22/02 Add Depth 1.2 meters and extend depth contour (10-meter) seaward to enclose (16(713)03 Stavanger)	43/03 59°45'59"N 10°30'11"E	Solid line (recommended track) joining 60°43'02.4"E 17°26'04.2"E 60°44'16.8"E 17°21'18.0"E 60°44'16.8"E 17°20'44.0"E
44180	6Ed. 7/6/91 LAST NM 26/03 Add Color BYB to buoy (41(557)02 Norrkoping)	43/03 59°42.3'N 19°33.8'E	Legend "298°-118°" 60°43'30.0"E 17°22'30.0"E
44182	4Ed. 5/28/94 LAST NM 42/03 Substitute Depth 4 meters for 5.5 meters Depth 9.3 meters for 8.9 meters	43/03 59°22'55.0"N 18°02'40.2"E 59°20'31.8"N 18°07'13.0"E	Open-outlined arrow indicating direction of buoyage [Q130.2] oriented 349° 60°45'26.0"N 17°22'43.0"E
Change	Legend to "VERT CL 8.0M"	59°22'53.0"N 18°02'24.0"E	(20(256)02, 20(1134)03 Norrkoping, Swd CH 5341)
Add	Buoy R, spar Buoy G, spar	59°22'54.0"N 18°02'44.7"E 59°22'54.4"N 18°02'45.5"E	44283 2Ed. 4/6/96 LAST NM 21/03 Add Floodlight [P63] to beacon Floodlight [P63] to beacon Floodlight [P63] to beacon Floodlight [P63] to beacon (15-16(1073)03 Norrkoping)
	Double solid line (bridge) between	59°22'55.3"N 18°02'28.0"E 59°23'00.4"N 18°02'31.8"E	44365 1Ed. 8/3/91 LAST NM 27/03 Change Period of light to 2s 60°37'23.9"N 28°33'26.5"E Period of light to 2s 60°38'30.1"N 28°35'04.5"E Visibility (range) of light to 5M 60°42'22.0"N 28°44'18.2"E (BA LL)
	Legend "VERT CL 13.0M"	59°23'06.4"N 18°02'19.0"E	51163 4Ed. 2/4/84 LAST NM 4/03 Change Characteristic of light to Fl(4) R 11s 36°44'53.1"N 6°25'47.7"W
	(20(264)02, 15-16(1044)03 Norrkoping; Swd CH 6142)		Period of buoy "2" to 7s 36°45'08.0"N 6°25'35.8"W
44183	6Ed. 4/19/97 LAST NM 39/03 Substitute Depth 9.3 meters for 8.7 meters	43/03 59°20'30"N 18°07'12"E	Characteristic of buoy "4" to Fl(3) R 11s 36°45'02.7"N 6°25'32.4"W (See 21/00-51163)
44192	1Ed. 12/18/93 LAST NM 39/03 Delete Depth 7.6 meters	43/03 59°28'28"N 17°14'19"E	51164 18Ed. 2/5/00 LAST NM 8/03 Change Period of buoy "2" to 7s 36°45'08"N 6°25'36"W
Add	Submarine cable [L30.1] between	59°12'18"N 17°37'07"E 59°12'23"N 17°37'25"E	Characteristic of buoy "4" to Fl(3) R 11s 36°45'03"N 6°25'32"W (32(559)02 Cadiz)
	Submarine pipeline [L40.1] between	59°12'18"N 17°37'05"E 59°12'22"N 17°37'25"E	51220 8Ed. 9/26/98 LAST NM 18/03 Add Light Dir Fl WRG 6s 6M 33°08.9"N 8°37.0"W (1(6)02 Cadiz)
	Depth 9.1 meters Rk [K14.2] (15-16(1062, 1079)03 Norrkoping)	59°29'09"N 17°13'31"E	51240 2Ed. 9/8/84 LAST NM 33/02 Add Light Dir Fl WRG 6s 6M 33°09.0"N 8°36.9"W (1(6)02 Cadiz)
44193	1Ed. 7/16/94 LAST NM 18/03 Delete Depth 7.6 meters	43/03 59°28'28"N 17°14'19"E	51260 4Ed. 8/10/96 LAST NM 28/03 Add Dangerous wreck [K28] 27°44.7'N 15°39.5"W (24(397)03 Cadiz)
Add	Depth 7.7 meters Depth 8.4 meters Depth 7.6 meters Depth 8.1 meters Rk [K14.2] Depth 9.1 meters Rk [K14.2]	59°31'44"N 17°01'19"E 59°31'40"N 17°02'06"E 59°31'53"N 16°59'13"E 59°30'52"N 16°41'46"E 59°29'09"N 17°13'31"E	53306 2Ed. 6/24/95 LAST NM 31/03 Substitute Depth 58 meters Wk [K26] for wreck 42°45'08.4"N 9°28'39.0"E (22(17)02 Brest)
	Depth 8.1 meters enclosed by depth contour (10-meter)	59°29'47"N 16°49'55"E	54421 6Ed. 3/17/01 LAST NM 41/03 Delete Depth 22 meters 36°40'50"N 29°00'43"E Depth 34 meters 36°43'10"N 28°58'10"E
	(15-16(1062-1066)03 Norrkoping)		Substitute Depth 15.8 meters for 44 meters 36°36'07"N 28°52'37"E
44200	9Ed. 7/20/96 LAST NM 37/03 Add Color BYB to buoy	43/03 60°18.7'N 18°59.2'E	Add Depth 45 meters 36°41'07"N 29°00'43"E Depth 17.8 meters 36°43'07"N 28°58'10"E (38(4051)03 Taunton)
	Buoy BYB, pillar, double cone topmark bases together	59°53.8'N 19°04.2'E	54430 1Ed. 8/21/93 LAST NM 36/03 Add Depth 15.8 meters 36°36.1'N 28°52.6'E Depth 45 meters 36°41.1'N 29°00.7'E Depth 17.8 meters 36°43.1'N 28°58.2'E (38(4051)03 Taunton)
44205	2Ed. 4/9/94 LAST NM 39/03 Delete Recommended track and direction of buoyage symbol between	43/03 60°43'31.8"N 17°23'30.0"E 60°45'10.2"N 17°22'43.8"E	I-1.7
	Recommended track and direction of buoyage symbol between	60°44'09.0"N 17°20'07.2"E 60°45'20.4"N 17°22'36.0"E	
	Recommended track and direction of buoyage symbol between	60°43'02.4"N 17°26'04.2"E 60°44'07.8"N 17°20'16.2"E	
Change	Legend to "7.2m (2002)" (See 52/02-44205)	60°38'53.0"N 17°23'48.0"E	
Add	Solid line (recommended track) joining	60°43'02.4"N 17°26'04.2"E 60°44'43.0"N 17°23'30.0"E 60°44'48.2"N 17°22'54.0"E	

54481	8Ed. 5/25/96 LAST NM 33/03 Change Characteristic of light to Fl(2) R 10s (See 33/03-54481) (33(3566)03 Taunton)	43/03 36°33'26"N 35°23'19"E	62540	6Ed. 1/26/02 LAST NM 35/03 Substitute Depth 8 meters Obstn [K41] (unsurveyed) for foul ground symbol (37(3991)03 Taunton)	43/03 29°44.3'N 48°50.5'E
55001	(INT 310) 4Ed. 1/21/95 LAST NM 39/03 Add Dangerous wreck [K28] Wreck [K29] (24(3741, 3746)03 St. Petersburg)	43/03 45°32.1'N 32°01.9'E 43°27.5'N 34°11.2'E	62541	3Ed. 1/26/02 LAST NM N35/03 Substitute Depth 8 meters Obstn [K41] (unsurveyed) for foul ground symbol (37(3991)03 Taunton)	N43/03 29°44.3'N 48°50.5'E
55041	7Ed. 5/13/95 LAST NM 21/03 (Panel A) Change Light to FG 5m 3M (Panel B) Change Light to FG 5m 3M (32(143)03 Istanbul)	43/03 40°11'06.0"N 26°21'48.0"E 40°11'06.0"N 26°21'48.0"E	62570	4Ed. 1/26/02 LAST NM 37/03 Substitute Depth 8 meters Obstn [K41] (unsurveyed) for foul ground symbol (37(3991)03 Taunton)	43/03 29°44'15"N 48°50'32"E
55100	8Ed. 1/23/99 LAST NM 39/03 Add Dangerous wreck [K29] Light Fl G 5s 6m 5M (28(127)03 Istanbul; 24(3741)03 St. Petersburg; BA LL)	43/03 45°32.1'N 32°01.9'E 41°10.7'N 30°13.7'E	62590	2Ed. 5/29/99 LAST NM 37/03 Substitute Depth 8 meters Obstn [K41] (unsurveyed) for danger circle "Foul" (37(3991)03 Taunton)	43/03 29°44'15"N 48°50'32"E
55101	4Ed. 8/24/96 LAST NM 42/03 Add Buoy "79" G, pillar, cone topmark (29(4404)01 St. Petersburg)	43/03 46°43'41"N 31°56'16"E	62591	3Ed. 5/29/99 LAST NM N37/03 Substitute Depth 8 meters Obstn [K41] (unsurveyed) for danger circle "Foul" (37(3991)03 Taunton)	N43/03 29°44'15"N 48°50'32"E
55102	3Ed. 8/10/96 LAST NM 36/03 Add Light Fl G 3s to buoy "3" Buoy "2" RW, pillar, ball topmark Buoy "79" G, pillar, cone topmark (31(5122)00, 29(4402, 4404)01 St. Petersburg)	43/03 46°35'01"N 31°26'53"E 46°36'35"N 31°35'46"E 46°43'41"N 31°56'16"E	73580	4Ed. 6/14/97 LAST NM 52/02 Change Visibility (range) of light to 10M Visibility (range) of light to 10M Visibility (range) of light to 10M Visibility (range) of light to 10M (7(208)00 Wollongong)	43/03 8°49'58"S 146°32'05"E 9°16'00"S 146°54'00"E 9°25'45"S 146°52'58"E 9°32'30"S 147°07'58"E
55103	2Ed. 4/6/96 LAST NM 42/03 Add Light Q(6) + L Fl 15s to buoy Light L Fl 6s to buoy (31(5125)00 St. Petersburg)	43/03 44°37'33.0"N 33°31'28.0"E 44°37'06.0"N 33°33'38.0"E	73581	4Ed. 8/15/98 LAST NM 3/03 Change Visibility (range) of light to 10M (7(208)00 Wollongong)	43/03 9°32'24.0"S 147°08'01.0"E
55105	7Ed. 2/6/99 LAST NM 42/03 Add Wreck [K29] (24(3746)03 St. Petersburg)	43/03 43°27.5'N 34°11.2'E	73590	6Ed. 7/5/97 LAST NM 36/03 Change Visibility (range) of light to 10M Visibility (range) of light to 10M (7(208)00 Wollongong)	43/03 9°32.3'S 147°08.0'E 10°06.1'S 147°43.7'E
55110	2Ed. 8/31/96 LAST NM 29/03 Add Light Fl G 5M (28(127)03 Istanbul)	43/03 41°10.7'N 30°13.7'E	73601	3Ed. 2/21/98 LAST NM 47/02 Delete Depth 31 meters Depth 23.5 meters "Rep (1982)" Depth 18.3 meters and enclosing depth contour 10°47.1'S 150°30.5'E Substitute Depth 12.8 meters for 14.6 meters 10°45.8'S 150°35.4'E Add Depth 17.4 meters enclosed by depth contour (20-meter) (7(209)00 Wollongong)	43/03 10°50.8'S 150°27.5'E 10°48.7'S 150°19.2'E 10°47.7'S 150°30.1'E
55128	2Ed. 3/18/00 LAST NM 34/03 (Plan) Change Berth designation to "28A" Add Berth designation "28" [F19] (31(5129)00 St. Petersburg)	43/03 44°43'38.0"N 37°46'42.5"E 44°43'35.5"N 37°46'45.5"E	74320	3Ed. 3/28/98 LAST NM 41/03 Delete Buoy "Fairway" Change Light to Dir Q Light to Dir Iso 2s Legend to "119°03'" Add Beacon RW, Iso 4s [Q130.5] (Plan A) Delete Buoy "Fairway" Change Light to Dir Q Light to Dir Iso 2s Legend to "119°03'" Add Beacon RW, Iso 4s [Q130.5]	43/03 17°25.7'S 140°43.4'E 17°26.8'S 140°45.5'E 17°27.1'S 140°46.2'E 17°24.0'S 140°40.5'E 17°25.5'S 140°43.2'E 17°25'40.0"S 140°43'25.5"E 17°26'49.8"S 140°45'31.9"E 17°27'11.0"S 140°46'10.0"E 17°25'24.0"S 140°42'58.0"E 17°25'32.0"S 140°43'10.2"E
57000	10Ed. 5/4/96 LAST NM 44/00 Add Light Fl 4s 15M (37(51)02 Brest)	43/03 5°11.6'N 4°32.5'W	62434	9Ed. 12/8/01 LAST NM 23/03 Substitute Depth 8 meters Obstn [K41] (unsurveyed) for danger circle "Foul" (37(3991)03 Taunton)	43/03 29°44'15"N 48°50'32"E
57060	7Ed. 1/3/98 LAST NM 6/99 Add Light Fl 4s 15M (37(51)02 Brest)	43/03 5°11'36"N 4°32'30"W	62446	3Ed. 6/5/99 LAST NM 47/01 Add Legend "Works in progress (2003)" (36(3895)03 Taunton)	43/03 25°16'06.0"N 55°15'21.0"E
62405	8Ed. 3/18/00 LAST NM 22/01 Add Legend "Works in progress (2003)" (36(3895)03 Taunton)	43/03 25°16'06.0"N 55°15'21.0"E	62434	9Ed. 12/8/01 LAST NM 23/03 Substitute Depth 8 meters Obstn [K41] (unsurveyed) for danger circle "Foul" (37(3991)03 Taunton)	43/03 29°44'15"N 48°50'32"E
62446	3Ed. 6/5/99 LAST NM 47/01 Add Legend "Works in progress (2003)" (36(3895)03 Taunton)	43/03 25°16'06.0"N 55°15'21.0"E	62446	3Ed. 6/5/99 LAST NM 47/01 Add Legend "Works in progress (2003)" (36(3895)03 Taunton)	43/03 25°16'06.0"N 55°15'21.0"E

SECTION I

NM 43/03

75207	2Ed. 11/9/96 LAST NM 37/03 Add Solid line joining	43/03 41°08'22.2"S 146°51'17.5"E 41°08'23.4"S 146°51'18.0"E 41°08'21.9"S 146°51'26.5"E 41°08'20.9"S 146°51'25.9"E and add land tint to area bound by shore and above solid line	93721	5Ed. 6/5/99 LAST NM 41/03 Add Danger circle [K40] "Obstn Rep (2003)" (PA) (29(596)03 Tianjin)	43/03 22°33'12"N 113°48'08"E
	(Plan B) Delete Legend "Works in Progress (1997)"	41°08'22.0"S 146°51'21.5"E	93730	3Ed. 6/29/96 LAST NM 42/03 Add Dangerous wreck [K28] "Rep (2000)" (PA) Dangerous wreck [K28] "Rep (2000)" Danger circle [K40] "Obstn Rep (2003)" (PA) (29(596), 32(648, 649)03 Tianjin)	43/03 21°46.0'N 113°43.0'E 22°49.0'N 116°21.0'E 22°33.2'N 113°48.1'E
	Substitute Solid line for dashed line joining	41°08'22.2"S 146°51'17.5"E 41°08'23.4"S 146°51'18.0"E 41°08'21.9"S 146°51'26.5"E 41°08'20.9"S 146°51'25.9"E and add land tint to area bound by shore and above solid line (7(215)00 Wollongong)	94040	13Ed. 10/4/97 LAST NM 31/03 Add Dangerous wreck [K28] (PA) (25(496)03 Tianjin)	43/03 23°18.1'N 116°50.9'E
81004	3Ed. 7/03 LAST NM 37/03 Add Buoy "A" Y, Fl(5) Y 20s (35/03 CG14)	43/03 13°21.3'N 144°47.3"E	94042	9Ed. 5/25/96 LAST NM 24/03 (Panel A) Add Dangerous wreck [K28] (PA)	43/03 23°18'03.0" N 116°50'55.0"E
★81048	8Ed. 2/27/93 LAST NM 28/03 Add Buoy "A" Y, Fl(5) Y 20s (35/03 CG14)	43/03 13°21'15"N 144°47'20"E	(Panel B) Add Dangerous wreck [K28] (PA) (25(496)03 Tianjin)	23°18'03"N 116°50'55"E	
81060	2Ed. 5/8/93 LAST NM 27/00 Add Buoy "A" Y, Fl(5) Y 20s (35/03 CG14)	43/03 13°21.3'N 144°47.3"E	94164	2Ed. 3/23/96 LAST NM 42/03 Add Depth 3.5 meters (PA), blue tint and enclosing depth contour (5-meter) centered (25(493)03 Tianjin)	43/03 26°05'44"N 119°45'11"E
82192	6Ed. 8/11/90 LAST NM 46/98 Delete Beacon	43/03 4°14'09.5"S 152°10'07.5"E	94165	4Ed. 11/30/96 LAST NM 24/03 Add Dangerous wreck [K28] (PA) Depth 3.5 meters (PA), blue tint and enclosing depth contour (5-meter) centered (25(493), 32(652)03 Tianjin)	43/03 26°07'26.4"N 119°38'33.0"E 26°05'43.6"N 119°45'10.8"E
	Add Beacon R, can topmark, Fl(2) R 6s (See 46/98-82192) (7(210)00 Wollongong)	4°14'08.4"S 152°10'07.5"E	95274	3Ed. 5/18/91 LAST NM 36/03 Add Fish haven symbol [K46.1] (36(1382)03 Tokyo)	43/03 37°17'37"N 138°22'17"E
91280	7Ed. 1/30/99 LAST NM 19/03 Add Fish trap symbol [K44.2] (3(58)02 Manila)	43/03 14°43.0'N 120°14.2"E	97183	9Ed. 3/21/98 LAST NM 26/03 Substitute Beacon "1" G, can topmark, Fl(2) G 6s 5M for buoy Beacon "2" R, cone topmark, Fl(2) R 6s 5M for buoy (36(1376)03 Tokyo)	43/03 34°58'54"N 136°46'09"E 34°58'47"N 136°46'20"E
91289	19Ed. 5/30/92 LAST NM 20/02 Add Fish trap symbol [K44.2] (3(58)02 Manila)	43/03 14°43'00.6"N 120°14'12.6"E	97189	2Ed. 8/9/97 LAST NM 39/03 Substitute Beacon "1" G, can topmark, Fl(2) G 6s 5M for buoy Beacon "2" R, cone topmark, Fl(2) R 6s 5M for buoy Beacon "3" G, can topmark, Fl G 3s 4M for buoy Beacon "4" R, cone topmark, Fl R 3s 4M for buoy Beacon "5" G, can topmark, Fl G 3s 4M for buoy (See 9/99-97189) (36(1376)03 Tokyo)	43/03 34°58'54.0"N 136°46'09.0"E 34°58'47.0"N 136°46'20.0"E 34°59'49.0"N 136°47'04.0"E 34°59'42.0"N 136°47'13.0"E 35°00'45.0"N 136°47'55.0"E
92150	3Ed. 12/9/89 LAST NM 39/00 Change Characteristic of light to Fl 5s (3(60)02 Manila)	43/03 6°37'41"N 126°04'05"E	97204	9Ed. 2/12/94 LAST NM 33/03 Add Fish haven symbol [K46.1] (See 19/03-97204) (36(1388)03 Tokyo)	43/03 34°36'00.0"N 135°01'22.0"E
92160	3Ed. 11/18/89 LAST NM 34/00 Change Characteristic of light to Fl 5s (3(60)02 Manila)	43/03 6°37'41"N 126°04'05"E	97342	14Ed. 8/30/97 LAST NM 27/03 Change Light to Fl(2) G 6s 19m 5M Visibility (range) of light to 10M (36(1389)03 Tokyo)	43/03 31°15'41"N 130°17'35"E 31°15'32"N 130°17'31"E
92170	3Ed. 7/18/98 LAST NM 34/00 Change Characteristic of light to Fl 5s (3(60)02 Manila)	43/03 6°37.7'N 126°04.2"E	97360	6Ed. 2/1/97 LAST NM 27/03 Change Light to Fl(2) G 6s 5M Visibility (range) of light to 10M (36(1389)03 Tokyo)	43/03 31°15'41"N 130°17'35"E 31°15'32"N 130°17'31"E
93006	2Ed. 7/29/95 LAST NM 10/03 Add Dangerous wreck [K28] "Rep (2003)" (PA) Danger circle [K40] "Obstn Rep (2003)" (PA) (29(596), 32(649)03 Tianjin)	43/03 21°46.0'N 113°43.0"E 22°33.2'N 113°48.1'E			
93710	3Ed. 3/30/96 LAST NM 15/03 Add Dangerous wreck [K28] (25(497)03 Tianjin)	43/03 20°41'11"N 110°35'26"E			
93720	10Ed. 8/12/95 LAST NM 42/03 Add Dangerous wreck [K28] "Rep (2003)" (PA) (32(649)03 Tianjin)	43/03 21°46.0'N 113°43.0"E			

97381 7Ed. 9/6/97 LAST NM 27/03 43/03
Change Light to Fl(2) G 5M 31°15'41"N 130°17'35"E
Visibility (range) of light to 10M 31°15'32"N 130°17'31"E
(36(1389)03 Tokyo)

***97398** 4Ed. 8/16/03 NEW EDITION 43/03
(NIMA)

97440 8Ed. 6/21/97 LAST NM 27/03 43/03
Change Visibility (range) of light to 10M 31°15.5'N 130°17.6'E
(36(1389)03 Tokyo)

804059 2Ed. 3/6/93 LAST NM N20/02 N43/03
Add Fish trap symbol [K44.2] 14°43'01"N 120°14'13"E
(3(58)02 Manila)

SECTION I

NM 43/03

Chart 11328

NM 43/03

HOUSTON SHIP CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)
BOLIVAR ROADS TO LOWER END OF MORGAN POINT LOWER END OF MORGAN PT. TO EXXON OIL CO. SLIP	36.0	41.0	39.0	32.0	9/02; 1/03	400-530	23.4 40
	36.0	40.0	36.0	32.0	7-03	400-525	4.2 40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 11344

NM 43/03

CALCASIEU PASS AND RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	24.0	34.0	34.0	23.0	7-03	800	19.1 42
	30.0	45.0	47.0	47.0	6-03	400	1.4 40
	19.0	38.0	40.0	35.0	6-03	400	6.0 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 11347 (Side A)

NM 43/03

CALCASIEU PASS AND RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	24.0	34.0	34.0	23.0	7-03	800	19.1 42
	30.0	45.0	47.0	47.0	6-03	400	1.4 40
	19.0	38.0	40.0	35.0	6-03	400	6.0 40
	29.0	36.0	38.0	33.0	6-03	400	6.0 40
	31.0	37.0	36.0	31.0	7-03	400	6.0 40
	30.0	36.0	33.0	30.0	6-03	400	5.0 40
	34.0	37.0	35.0	31.0	6-03	400	4.4 40
	35.0	38.0	36.0	29.0	6-03	400	2.0 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

SECTION I

NM 43/03

Chart 11347 (Side B)

NM 43/03

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BAR CHANNEL	24.0	34.0	34.0	23.0	7-03	800 19.1 42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	30.0	45.0	47.0	47.0	6-03	400 1.4 40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	19.0	38.0	40.0	35.0	6-03	400 6.0 40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	29.0	36.0	38.0	33.0	6-03	400 6.0 40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	31.0	37.0	36.0	31.0	7-03	400 6.0 40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	30.0	36.0	33.0	30.0	6,7-03	400 5.0 40
THENCE TO 210 BRIDGE	34.0	37.0	35.0	31.0	6-03	400 4.4 40
THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	35.0	38.0	36.0	29.0	6-03	400 2.0 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11353

NM 43/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)					
TO LT. BUOY 20	38.0	36.0	34.0	600	7,8-03
THENCE TO END OF JETTY					
OPPOSITE LIGHT 62	28.0	33.0	26.0	500	6,7,8-03

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS
SUBSEQUENT TO THE ABOVE

Chart 11363

NM 43/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)					
TO LT. BUOY 20	38.0	36.0	34.0	600	7,8-03
THENCE TO END OF JETTY					
OPPOSITE LIGHT 62	28.0	33.0	26.0	500	6,7,8-03
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	31.0	21.0	500	12-02; 1,2,5,6,7-03
THENCE TO INNER HARBOR NAVIGATION CANAL	26.0	28.0	30.0	500	1,8-03

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS
SUBSEQUENT TO THE ABOVE

SECTION I

NM 43/03

Chart 11364

NM 43/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)					
TO LT. BUOY 20	38.0	36.0	34.0	600	7-8-03
THENCE TO END OF JETTY					
OPPOSITE LIGHT 62	28.0	33.0	26.0	500	6,7-8-03
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	31.0	21.0	500	12-02; 1,2,5,6,7-03
THENCE TO INNER HARBOR NAVIGATION CANAL	26.0	28.0	30.0	500	1,8-03

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS
SUBSEQUENT TO THE ABOVE

Chart 11369

NM 43/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W)					
TO LT. BUOY 20	38.0	36.0	34.0	600	7-8-03
THENCE TO END OF JETTY					
OPPOSITE LIGHT 62	28.0	33.0	26.0	500	6,7-8-03
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	31.0	21.0	500	12-02; 1,2,5,6,7-03
THENCE TO INNER HARBOR NAVIGATION CANAL	26.0	28.0	30.0	500	1,8-03

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS
SUBSEQUENT TO THE ABOVE

Chart 11505

NM 43/03

SAVANNAH RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY
TYBEE RANGE	44.0	44.0	44.5	43.5	07-03
BLOODY POINT RANGE	44.5	44.0	44.0	44.0	07-03
JONES ISLAND RANGE	44.5	42.5	43.0	44.0	07-03
TYBEE KNOB CUT RANGE	43.0	43.5	43.5	43.0	07-03

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 43/03

Chart 11506

NM 43/03

BRUNSWICK HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
BAR CHANNEL (ST SIMON RANGE)	32.0	32.5	A29.0	07-03	500	7.7 32
PLANTATION CREEK RANGE	38.0	40.0	39.5	07-03	400	1.8 32
JEKYLL ISLAND RANGE	30.0	32.0	33.0	07-03	400	1.9 30
CEDAR HAMMOCK RANGE	29.0	30.0	28.0	07-03	400	1.4 30
BRUNSWICK PT CUT RANGE	27.0	29.0	29.0	07-03	400	2.4 30
EAST RIVER LOWER REACH	B32.0	31.5	30.0	07-03	400	1.1 30
UPPER REACH	25.5	27.0	26.0	07-03	350	1.0 27
EAST RIVER TURNING BASIN	28.5	28.5	28.5	07-03	750	0.2 30
TURTLE RIVER LOWER RANGE	34.0	30.5	30.0	07-03	300	1.7 30
BLYTHE ISLAND RANGE	31.0	26.0	25.5	07-03	300	1.5 30
TURTLE RIVER UPPER RANGE	27.5	28.0	25.0	07-03	300	1.7 30
SOUTH BRUNSWICK RIVER	30.5	30.5	31.5	07-03	400	1.3 30
A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.6"N; 081°16'35.7"W. B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 31.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 31.0 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE. NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN) NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11512

NM 43/03

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
TYBEE RANGE	44.0	44.0	44.5	43.5	07-03	600 3.3 44
BLOODY POINT RANGE	44.5	44.0	44.0	44.0	07-03	600 3.0 44
JONES ISLAND RANGE	44.5	42.5	43.0	44.0	07-03	600 1.2 44
TYBEE KNOLL CUT RANGE	43.0	43.5	43.5	43.0	07-03	500 2.5 42
NEW CHANNEL RANGE (A)	42.5	43.0	44.0	44.0	08-03	500 1.6 42
L. I. CROSSING RANGE	44.5	43.0	44.0	41.5	08-03	500 2.6 42
LOWER FLATS RANGE	44.0	47.0	45.5	43.0	08-03	500 1.3 42
UPPER FLATS RANGE	46.0	46.5	47.0	44.5	08-03	500 1.2 42
THE BIGHT CHANNEL	44.0	45.5	47.0	46.0	08-03	500 1.5 42
FT. JACKSON RANGE	44.5	47.0	47.0	41.5	08-03	500 0.7 42
OGLETHORPE RANGE	44.0	45.0	44.0	42.0	08-03	500 1.2 42
WRECKS CHANNEL (B)	42.0	44.0	44.0	42.5	08-03	500 1.5 42
CITY FRONT CHANNEL	43.5	44.5	43.0	43.0	08-03	500 1.5 42
MARSH ISLAND CHANNEL (C)	42.0	44.0	45.0	42.0	08-03	500 1.7 42
KINGS ISLAND CHANNEL (D)	42.0	44.0	43.5	42.0	08-03	500 2.1 42
WHITEHALL CHANNEL (E)	30.0	33.0	36.0	36.5	08-03	400 0.6 42-36
PORT WENTWORTH CHANNEL (F)	30.0	33.5	30.0	32.0	12-94; 08-03	200 1.2 30
A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.5 FT, 38.0 FT 100 FT FROM BACKSIDE. B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.5 FT, 32.0 FT 100 FT FROM BACKSIDE. C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 36.0 FT, 31.0 FT 100 FT FROM BACKSIDE. D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 41.0 FT, 41.0 FT 100 FT FROM BACKSIDE. E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 37.5 FT 100 FT FROM BACKSIDE. F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 32.5 FT, 28.0 FT 100 FT FROM BACKSIDE. NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR. NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS. NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 43/03

Chart 11514 (Side A)

NM 43/03

SAVANNAH RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	
OGLETHORPE RANGE	44.0	45.0	44.0	42.0	08-03	500 1.2 42
WRECKS CHANNEL (A)	42.0	44.0	44.0	42.5	08-03	500 1.5 42
CITY FRONT CHANNEL	43.5	44.5	43.0	43.0	08-03	500 1.5 42
MARSH ISLAND CHANNEL (B)	42.0	44.0	45.0	42.0	08-03	500 1.7 42
KINGS ISLAND CHANNEL (C)	42.0	44.0	43.5	42.0	08-03	500 2.1 42
WHITEHALL CHANNEL (D)	30.0	33.0	36.0	36.5	08-03	400 0.6 42-36
PORT WENTWORTH CHANNEL (E)	30.0	33.5	30.0	32.0	12-94; 08-03	200 1.2 30
A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.5 FT, 32.0 FT 100 FT FROM BACKSIDE. B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 36.0 FT, 31.0 FT 100 FT FROM BACKSIDE. C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 41.0 FT, 41.0 FT 100 FT FROM BACKSIDE. D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 37.5 FT 100 FT FROM BACKSIDE. E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 32.5 FT, 28.0 FT 100 FT FROM BACKSIDE. NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR. NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS. NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11524

NM 43/03

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO JUNE 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	
FORT SUMTER RANGE	46.8	47.8	47.5	47.0	4-03	1000 14.8 47
MOUNT PLEASANT RANGE	46.0	46.5	45.9	47.2	2-03	1000-600 1.6 45
REBELLION REACH	46.6	47.4	46.9	47.2	2-03	600 1.4 45
SHUTES-FOLLY REACH	47.6	47.3	47.3	47.8	2-3-03	600-800 1.3 45
HORSE REACH	47.5	48.3	48.2	44.6	5-11-02	800 0.5 45
CUSTOMHOUSE REACH	34.9	48.3	48.1	46.2	5-02-2,3-03	1385 0.2 45
SOUTH CHANNEL	24.4	24.8	24.5	A24.3	10-96	600-1000 3.1 45
HOG ISLAND REACH	46.1	47.1	43.6	39.2	11-02-2,3-03	600-1300 1.5 45
DRUM ISLAND REACH	46.2	47.6	48.2	42.3	5-03	600-1300 0.7 45
TOWN CREEK LOWER REACH	34.4	38.3	38.2	35.8	2-3-03	400-450 1.1 45
TURNING BASIN	36.5	34.3	34.2	33.4	5-02	250 0.25 35
TOWN CREEK UPPER REACH	35.2	40.2	40.9	40.5	11-01;5-02	250 1.0 16
MYERS BEND	42.0	47.2	47.5	47.5	11-01-5-03	600-900 0.4 45
DANIEL ISLAND REACH	46.6	46.2	44.6	39.0	5-03	880-980 1.2 45
DANIEL ISLAND BEND	49.2	48.5	48.9	48.3	5-03	700-780 0.4 45
CLOUTER CREEK REACH	41.0	42.6	42.6	40.2	5-03	600 0.9 45
NAVY YARD REACH	38.9	42.2	40.6	34.7	5-03	600-700 1.1 45
NORTH CHARLESTON REACH	35.0	41.5	43.7	46.8	5-03	500-600 1.0 45
FILBIN CREEK REACH	47.0	47.7	47.8	47.3	6-03	500 0.6 45
PORT TERMINAL REACH	41.3	42.5	44.8	44.9	6-03	600 0.7 45
ORDNANCE REACH	39.9	41.2	41.0	41.7	6-03	600 0.3 45
ORDNANCE REACH TURNING BASIN	43.9	40.6	38.4	37.9	6-03	800 0.26 45
WANDO RIVER						
LOWER REACH	45.8	46.3	47.1	45.9	6-03	1500-400 1.3 45
UPPER REACH	46.8	47.1	47.4	42.1	5-03	400-850 0.74 45
TURNING BASIN	49.2	49.9	48.6	48.7	5-03	550 0.3 45
SHIPYARD CREEK						
MAIN CHANNEL	26.2	27.4	29.0	27.2	8,10-00	1200-300 1.0 30
LOWER TURNING BASIN	37.9	38.9	40.0	40.8	8,10-00	700 0.2 38
UPPER TURNING BASIN	22.0	23.4	23.7	24.7	8,10-00	600 0.15 30
COOPER RIVER						
RANGE A	38.7	37.4	38.3	38.9	7,8-98;12-99	400-1350 1.02 35
RANGE B	20.5	25.2	36.4	37.0	12-99	VARIABLES 0.74 35
RANGE C	20.6	26.1	38.3	36.1	7,8-98;12-99;1-00	VARIABLES 0.76 35
RANGE D	30.2	37.4	37.8	37.1	2-00	VARIABLES 0.58 35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIABLES 0.38 35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIABLES 0.29 35
A. ALONG CHANNEL EDGE NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 43/03

Chart 11532

NM 43/03

WINYAH BAY AND GEORGETOWN HARBOR						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2000 AND SURVEYS TO JUN 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
ENTRANCE CHANNEL	24.9	25.3	25.3	20.3	6-03	600 2.0 28
RANGE B	28.1	30.1	29.7	25.3	7-02	600 0.9 28
SOUTH ISLAND BEND	30.0	29.2	23.2	A19.2	6-03	600 1.2 29
RANGE C	23.6	25.5	24.5	29.2	7-02	400 1.4 28
RANGE D	26.3	28.1	28.1	28.2	7-02	300 1.5 27
RANGE E	22.6	25.4	26.1	24.6	7-02; 6-03	300 4.6 27
FRAZIER PT. BEND	27.8	28.5	27.5	28.7	9,11-98; 7-02	300-700 1.0 27
RABBIT ISLAND CHANNEL	28.6	28.0	27.0	25.4	9,11-98; 4-00	300-500 1.8 27
SAMPIT PT. CHANNEL	18.6	21.1	21.1	21.6	6-00	300-700 0.7 27

(A) SHOALING TO 9 FEET IN THE VICINITY OF 33°12'02.1"N; 79°10'33.4"W.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11537

NM 43/03

CAPE FEAR RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
BALDHEAD SHOAL	36.3	36.2	30.6	18.8	7-03	500 5.0 40
SMITH ISLAND	42.7	43.7	44.3	43.8	6-03	500 1.0 40
BALDHEAD CASWELL CHANNEL	42.5	45.7	45.8	45.4	6-03	500 0.4 40
SOUTHPORT CHANNEL	43.8	44.3	44.0	40.0	6-03	500 1.0 40
BATTERY ISLAND CHANNEL	44.7	44.1	44.5	31.1	6-03	500 0.5 40
LOWER SWASH	41.0	42.1	42.0	40.9	5-03	400 1.6 38
SNOWS MARSH	39.4	41.6	41.1	39.5	5-03	400 3.1 38
HORSESHOE SHOAL	40.1	41.5	41.0	40.0	2-03	400 1.2 38
REAVES POINT	42.8	42.4	41.7	42.6	5-03	400 1.2 38
LOWER MIDNIGHT	35.7	38.0	39.0	37.2	12-02; 4-03	400 1.6 38
UPPER MIDNIGHT	18.8	34.0	37.0	33.8	5-03	400 2.7 38
LOWER LILLIPUT	38.3	38.0	38.5	36.7	5-03	400 1.9 38
UPPER LILLIPUT	44.0	43.6	43.7	42.1	4-03	400 1.9 38
KEG ISLAND	34.0	43.5	44.2	34.8	8-03	400 1.4 38
BIG ISLAND LOWER	35.4	42.3	44.2	33.3	8-03	400 0.8 38
BIG ISLAND UPPER	39.3	45.0	41.6	35.6	7-03	400 0.5 38
LOWER BRUNSWICK	38.6	43.0	43.1	37.6	7-03	400 1.6 38
UPPER BRUNSWICK	39.0	42.8	45.2	44.2	7-03	400 1.0 38
FOURTH EAST JETTY	41.9	44.0	44.0	41.5	7-03	400 1.2 38
BETWEEN CHANNEL	34.8	38.2	38.8	35.3	7-03	550 0.8 38
ANCHORAGE BASIN & APP CHANNEL	30.2	36.8	37.5	33.4	7-03	450-1090 1.3 38
HWY 74-76 TO BATTLESHIP	26.7	33.7	35.5	28.3	11-02	400 0.6 32
BATTLESHIP TO HWY 117 INCLUDING TURNING BASIN	9.0	29.4	31.4	18.6	11-02	190-850 - 32
HWY 117 TO HILTON BR	27.7	27.9	31.2	30.8	11-02	200-400 0.5 32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W	22.9	22.6A	20.8B	17.5C	11-02	200 1.2 25
TURNING BASIN	20.9	21.1	17.2	12.8	11-02	500 0.1 25

A. EXCEPT FOR SHOALING TO 17.3 FEET FOR THE LAST 150 FEET OF THE PROJECT.
B. EXCEPT FOR SHOALING TO 10.1 FEET FOR THE LAST 150 FEET OF THE PROJECT.
C. EXCEPT FOR SHOALING TO 10.7 FEET FOR THE LAST 250 FEET OF THE PROJECT.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 43/03

Chart 11545

NM 43/03

MOREHEAD CITY HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BEAUFORT INLET CHANNEL FROM 2000 FT NORTH OF LTD. BUOY '8'	41.1	44.7	41.5	32.1	7-03	450-800	2.26	47
CUTOFF CHANNEL	48.9	49.2	47.2	38.5	7-03	600	0.38	42
MOREHEAD CITY CHANNEL	33.4	42.5	42.2	37.9	6-03	400	1.10	40
TURNING BASIN								
EAST LEG	43.4	42.4	43.4	40.5	6-03	400-870	0.78	40
WEST LEG	33.7	36.0	37.2	39.9	6-03	800-3000	0.59	35

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11547

NM 43/03

MOREHEAD CITY HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BEAUFORT INLET CHANNEL FROM 2000 FT NORTH OF LTD. BUOY '8'	41.1	44.7	41.5	32.1	7-03	450-800	2.26	47
CUTOFF CHANNEL	48.9	49.2	47.2	38.5	7-03	600	0.38	42
MOREHEAD CITY CHANNEL	33.4	42.5	42.2	37.9	6-03	400	1.10	40
TURNING BASIN								
EAST LEG	43.4	42.4	43.4	40.5	6-03	400-870	0.78	40
WEST LEG	33.7	36.0	37.2	39.9	6-03	800-3000	0.59	35

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 43/03

Chart 12313

NM 43/03

SCHUYLKILL RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT SCHUYLKILL RIVER DATUM					PROJECT DIMENSIONS	
NAME OF CHANNEL			LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY
1			29.7	31.6	33.0	7-03
2			29.1	30.2	29.9	7-03
3			27.5	30.3	29.7	7-03
4			29.7	31.6	30.3	7-03
5			30.7	31.2	29.4	7-03
6			34.1	32.1	30.8	7-03
7			32.1	29.7	25.1	7-03
8			31.1	29.4	25.2	7-03
9			30.0	29.3	26.4	7-03
10			32.9	34.9	33.3	7-03
11			31.1	33.8	35.2	7-03
12			27.9	31.8	33.7	7-03
13			26.2	30.4	32.5	7-03
14			20.1	30.7	32.2	7-03
15			17.9	29.8	33.2	7-03
16			16.9	26.5	32.0	7-03
17			24.0	29.2	29.7	7-03
18			18.5	25.8	30.1	7-03
19			22.5	35.3	33.5	7-03
20			27.3	33.1	27.5	11-02
21			29.9	22.7	19.4	11-02
22			26.5	22.3	17.8	11-02
23			23.9	16.7	13.6	11-02
24			29.5	23.2	14.5	11-02
25			28.6	19.2	11.7	11-02
26			28.0	17.0	10.4	11-02
27			24.8	17.1	11.0	11-02
28			20.0	14.4	12.1	11-02
29			14.0	14.4	12.4	4-11-02
30			14.1	15.3	16.8	4-02
31			23.8	18.3	16.3	4-02
32			20.7	17.8	14.3	4-02
33			24.5	12.5	10.7	4-02
34			20.4	18.1	13.7	4-02
35			23.9	17.1	12.8	4-02
36			23.1	16.4	13.4	4-02
37			20.8	22.5	19.6	4-02
38			14.5	14.7	16.4	4-02

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 43/03

Chart 12369

NM 43/03

BRIDGEPORT AND BLACK ROCK HARBORS - CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2003 AND SURVEYS TO MAR 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BRIDGEPORT ENTRANCE CHANNEL	30.0	31.1	29.3	7-97-3-00	400	2.5	35
BRIDGEPORT REACH	25.0	26.5	24.4	1,2,3-00	400-600	0.9	35
PEQUONNOCK RIVER							
LOWER REACH	8.3	16.2	9.7	3-00	69-300	0.5	18
UPPER REACH	6.7	A 8.0	B 8.0	3-00	69-125	0.4	18
JOHNSONS CREEK							
ENTRANCE CHANNEL	10.9	9.2	C 9.4	3-00	200-350	0.7	15
NEWFIELD REACH	9.9	9.0	6.6	7-90-3-00	100	0.2	9
YELLOW MILL CHANNEL							
LOWER REACH	13.1	14.6	13.0	3-00	200-100	0.3	18
MIDDLE REACH	11.4	14.9	12.6	3-00	200-100	0.3	18
UPPER REACH	D 8.4	E 9.3	F 8.1	3-00	150	0.3	18
BLACK ROCK ENTRANCE CHANNEL	11.0	14.1	14.7	11-91	150	1.1	18
BLACK ROCK REACH	9.9	14.2	10.4	11-91	150	0.6	18
CEDAR CREEK CHANNEL	13.8	15.6	15.0	11-91	200-150	0.4	18
WEST BRANCH	14.8	15.1	15.0	11-91	100	0.3	18
EAST BRANCH	G 15.9	G 16.3	G 15.5	11-91	100	0.2	18
A. EXCEPT FOR SHOALING TO 2.0 FEET IN THE LAST 200 FEET OF CHANNEL. B. EXCEPT FOR SHOALING TO 2.0 FEET IN THE LAST 200 FEET OF CHANNEL. C. EXCEPT FOR SHOALING TO 3.7 FEET AT 41°09'56.0"N, 73°10'02.3"W. D. EXCEPT FOR SHOALING TO 0.6 FEET AT THE UPSTREAM END OF THE PROJECT. E. EXCEPT FOR SHOALING TO 2.4 FEET AT THE UPSTREAM END OF THE PROJECT. F. EXCEPT FOR SHOALING TO 1.3 FEET AT THE UPSTREAM END OF THE PROJECT. G. EXCEPT FOR SHOALING TO 5.6 FEET THE LAST 200 FEET OF THE CHANNEL.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 14815

NM 43/03

ROCHESTER HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS JUN 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH LWD (FEET)
ENTRANCE TO BEGINNING OF JETTIES	19.3	19.7	20.2	6-03	300	0.91	24
BEGINNING OF JETTIES TO END OF JETTIES	18.1	18.9	18.4	6-03	200	0.57	23
END OF JETTIES TO RR BRIDGE	11.2	18.3	18.7	6-03	200-400	0.27	23
TURNING BASIN	8.3	A 8.5	7.3	6-03	140-25	0.04	23
RR BRIDGE TO 200 FT N OF BUOY "2" AT 43°14'04"N 077°37'02"W	13.4	B 18.0	16.7	6-03	150-225	1.44	21
200 FT N OF BUOY "2" AT 43°14'04"N 077°37'02"W TO PT AT 43°13'50"N 077°36'57"W	19.8	14.9	13.5	6-03	150-525	0.30	21
PT AT 43°13'50"N 077°36'57"W TO END OF PROJECT	11.3	12.2	13.6	6-03	150	0.51	21
A. SHOALING TO 7.8 FEET IN LEFT HALF OF QUARTER B. SHOALING TO 11.8 FEET FROM 43°15'10.8"N 077°36'30.1"W TO 43°15'13.7"N 077°36'28.0"W NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

SECTION I

NM 43/03

Chart 14833

NM 43/03

BUFFALO HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003 AND SURVEYS TO NOV 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH LWD (FEET)
BUFFALO HARBOR:						
SOUTH ENTRANCE INNER CHANNEL	26.3	26.0	24.7	21.5	12-01	400-1200 .37 29
OUTER HARBOR SOUTHERN CHANNEL	A19.7	23.9	B25.9	25.8	12-01	1130-1425 .76 28
OUTER HARBOR TURNING BASIN	18.0	19.8	20.7	20.6	12-01	900 .80 23
OUTER HARBOR MIDDLE CHANNEL	19.2	23.9	24.1	23.7	12-01	500-1600 2.12 27
OUTER HARBOR NORTHERN CHANNEL	18.2	19.7	21.1	20.9	12-01	1175-1350 .91 23
BUFFALO RIVER:						
ENTRANCE CHANNEL	C16.0	D19.8	E18.5	F18.3	6-01	220-1625 .98 23
BUFFALO RIVER	G9.7	H14.6	I14.3	J9.2	11-02	100-700 5.27 23
BUFFALO SHIP CANAL	17.5	20.3	19.0	K18.3	6-01	125 1.02 23
BLACK ROCK CANAL:						
ENTRANCE CHANNEL	17.9	20.1	17.4	L17.2	12-01	450-1000 .80 21
BLACK ROCK CANAL TO LOCK	M15.3	19.6	20.0	12.1	12-01	200-350 3.05 21
A. SHOALING TO 15.4 FEET AT 42°49'57.0"N-78°51'55.3"W. B. SHOALING TO 23.5 FEET AT 42°49'55.3"N-78°51'41.1"W. C. SHOALING TO 10.8 FEET IN OUTSIDE 50 FEET OF QUARTER FROM 42°52'40.7"N-78°52'52.7"W TO 42°52'30.3"N-78°52'42.9"W. D. SHOALING TO 8.7 FEET WITHIN 100 FEET OF END OF REACH. E. SHOALING TO 16.8 FEET WITHIN 200 FEET OF END OF REACH. F. SHOALING TO 13.3 FEET OUTSIDE 50 FEET OF QUARTER. G. SHOALING TO 8.1 FEET LAST 200 FEET OF REACH AND 2.1 FEET WITHIN 200 FEET OF POINT AT 42°51'47.35"N-78°51'13.35"W. H. SHOALING TO 9.2 FEET LAST 300 FEET OF REACH. I. SHOALING TO 13.4 FEET WITHIN 300 FEET OF POINT AT 42°51'26.9"N-78°51'10.1"W AND 4.0 FEET WITHIN 100 FEET OF BRIDGE ABUTMENTS. SHOALING TO 8.2 FEET LAST 200 FEET AND 12.2 FEET AT 42°51'24.30"N-78°50'39.87"W. J. SHOALING TO 8.3 FEET WITHIN 200 FEET OF BRIDGE ABUTMENTS. SHOALING TO 2.5 FEET WITHIN 300 FEET OF POINT AT 42°51'38.0"N-78°50'42.7"W AND 8.7 FEET WITHIN 200 FEET OF END OF REACH. SHOALING TO 7.0 FEET WITHIN 200 FEET OF POINT AT 42°51'45.99"N-78°50'39.87"W. K. SHOALING TO 8.2 FEET WITHIN 125 FEET OF END OF REACH. L. SHOALING TO 6.6 FEET IN OUTSIDE 50 FEET OF QUARTER AND 12.7 FEET WITHIN 200 FEET OF END OF REACH. M. SHOALING TO 12.7 FEET AT 42°55'50.9"N-78°54'07.6"W. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 43/03

Chart 14839

NM 43/03

CLEVELAND HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2003 AND REPORTS TO JUN 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH LWD (FEET)
LAKE APPROACH CHANNEL	28.4	31.8	30.4	27.3	5-02	600-750 0.22 29
ENTRANCE CHANNEL	27.4	29.1	29.1	25.5	5-02	225-750 0.22 28
CUYAHOGA RIVER						
PIER RANGE	A18.1	26.0	27.9	B18.9	5-03	230 0.30 27
THENCE TO LORAIN						
CARNEGIE VIADUCT BRIDGE	11.8	22.3	21.9	C11.1	5-03	100-700 2.69 23
THENCE TO END OF PROJECT	D9.5	E19.6	F18.8	G14.1	5-03	110-400 3.11 23
OLD RIVER						
FROM CUYAHOGA RIVER						
TO END OF PROJECT	16.8	22.3	22.3	H17.5	5-03	125-200 1.10 27
EAST BASIN						
AIRPORT RANGE	I20.0	23.6	23.5	20.3	8,9-01	500 3.11 25
TURNING BASIN	22.8	22.9	23.3	22.3	8,9-01	400-1600 0.33 25
EASTERN SECTION	22.6	23.2	22.4	17.3	8,9-01;5-02	1250-1540 0.72 27
WESTERN SECTION	26.1	28.3	23.7	21.0	5-02	1300-1540 0.28 28
WEST BASIN	J24.3	K25.2	L24.1	M20.2	9-01;5-02	1150-1570 0.91 28
A. EXCEPT FOR SHOALING TO 15.1 FEET AT 41°30'00.7"N 081°42'31.5"W. B. EXCEPT FOR SHOALING TO 17.6 FEET AT 41°29'59.9"N 081°42'34.4"W. C. EXCEPT FOR SHOALING TO 4.4 FEET AT 41°29'37.2"N 081°42'13.7"W. D. EXCEPT FOR SHOALING TO 5.3 FEET AT 41°29'22.4"N 081°41'00.2"W. E. EXCEPT FOR SHOALING TO 8.5 FEET IN LAST 800 FEET OF QUARTER. F. EXCEPT FOR SHOALING TO 8.9 FEET IN LAST 1000 FEET OF QUARTER. G. EXCEPT FOR SHOALING TO 1.1 FEET FROM 41°29'10.8"N 081°40'47.3"W TO 41°29'09.4"N 081°40'46.0"W AND TO 2.5 FEET IN LAST 1000 FEET OF QUARTER. H. EXCEPT FOR SHOALING TO 14.4 FEET FROM 41°29'50.6"N 081°42'44.5"W TO 41°29'51.3"N 081°42'43.6"W I. EXCEPT FOR SHOALING TO 18.7 FEET AT 41°31'08.3"N 081°41'19.1"W AND 19.4 FEET AT 41°31'52.3"N 081°41'01.6"W. J. EXCEPT FOR SHOALING TO 20.5 FEET IN WESTERN 450 FEET OF PROJECT. K. EXCEPT FOR SHOALING TO 18.4 FEET IN WESTERN 550 FEET OF PROJECT. L. EXCEPT FOR SHOALING TO 16.1 FEET IN WESTERN 900 FEET OF PROJECT. M. EXCEPT FOR SHOALING TO 15.6 FEET IN WESTERN 500 FEET OF PROJECT.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 14843

NM 43/03

HURON HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS AND REPORTS TO MAY 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES) DEPTH LWD (FEET)
ENTRANCE CHANNEL	15.7	22.0	24.0	5-03	400-300	1.70 29.0
HURON RANGE	20.6	23.7	19.9A	5-03	300-150	.36 28.0
EAST TURNING BASIN	23.6	24.8	21.4	5-03	150-350	27.0
WEST TURNING BASIN	18.3	14.7	13.5	5-03	450	21.0
A. SHOAL TO 7.4 FT FOR OUTSIDE 50 FT OF QUARTER FROM 41°23'55.5"N/82°32'56.0"W TO 41°23'52.3"N/82°32'59.5"W NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 14846 (Page 1)

NM 43/03

TOLEDO HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003 AND SURVEYS TO AUG 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)							
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) LWD
ENTRANCE CHANNEL TO BUOY 49	24.0	26.1	25.9	23.1	8-02	500	18.0 .28
MAUMEE MOORING BASIN	24.8	19.5	17.9	18.6	4-02	450	1.40 .28
THENCE TO BUOY 62 MAUMEE RIVER CHANNEL	20.0	21.6	22.2	20.3	4-02	400	2.65 .27
RIVERSIDE TURNING BASIN	20.3	17.9	14.6	11.8	3-02	350	0.25 .20
THENCE TO ANTHONY WAYNE FIXED BRIDGE	22.8	25.5	25.7	23.8	4-02	200	2.51 .27
THENCE TO BUOY 67	25.0	25.6	23.6	24.6	4-02	200	1.08 .27
TURNING BASIN	24.4	24.4	21.3	17.8	4-02	260-630	.27 .27
THENCE TO UPSTREAM LIMIT OF PROJECT	5.9	8.2	9.4	9.3	6-02	200	.47 .25
TURNING BASIN	10.8	11.7	12.1	12.2	6-02	835	.16 .18

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14847

NM 43/03

TOLEDO HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003 AND SURVEYS TO AUG 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)							
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) LWD
ENTRANCE CHANNEL TO BUOY 49	24.0	26.1	25.9	23.1	8-02	500	18.0 .28
MAUMEE MOORING BASIN	24.8	19.5	17.9	18.6	4-02	450	1.40 .28
THENCE TO BUOY 62 MAUMEE RIVER CHANNEL	20.0	21.6	22.2	20.3	4-02	400	2.65 .27
RIVERSIDE TURNING BASIN	20.3	17.9	14.6	11.8	3-02	350	0.25 .20
THENCE TO ANTHONY WAYNE FIXED BRIDGE	22.8	25.5	25.7	23.8	4-02	200	2.51 .27
THENCE TO BUOY 67	25.0	25.6	23.6	24.6	4-02	200	1.08 .27
TURNING BASIN	24.4	24.4	21.3	17.8	4-02	260-630	.27 .27
THENCE TO UPSTREAM LIMIT OF PROJECT	5.9	8.2	9.4	9.3	6-02	200	.47 .25
TURNING BASIN	10.8	11.7	12.1	12.2	6-02	835	.16 .18

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14975

NM 43/03

SUPERIOR HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)							
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) LWD
SUPERIOR ENTRY	A	A	A	A			
1	28.2	31.7	31.8	B28.7	10-2002	600-1100	.18 .31
2	27.7	30.6	31.9	29.1	10-2002	415-1100	.15 .30
3	29.7	31.1	29.4	26.8	10-2002	415	.08 .29
4	29.0	31.0	27.9	25.6	10-2002	415-430	.08 .28
5	25.3	28.8	30.1	24.6	10-2002	430-840	.08 .27
SUPERIOR HARBOR BASIN	25.9	23.8	23.5	21.1	8-10-2002	600-2000	1.21 .27
ALLIOUEZ BAY CHANNEL	20.7	24.1	23.5	23.9	10-2002	400-900	.44 .27
SUPERIOR FRONT CHANNEL	24.3	27.3	26.7	25.8	5-2001; 8-2002	600	2.32 .27
EAST GATE BASIN (SOUTH)	26.4	27.1	26.5	26.7	5,11-2001; 5-2002	600-3200	.57 .27

A. CHANNEL DIVIDED INTO QUARTERS WHEN ENTERING FROM LAKE.
B. SHOALING TO 17.2 FT AT 46°42'42.32" N - 92°00'27.46" W.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 43/03

Chart 14975

NM 43/03

DULUTH HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
DULUTH ENTRY	A	A	A	A				
1	28.8	32.2	32.8	30.4	5-2001	245-1000	.13	32
2	27.9	33.8	33.4	25.8	5-2001	245	.06	31
3	29.6	32.8	32.5	27.3	5-2001	245	.07	30
4	31.8	31.6	31.4	28.6	5-2001	245	.07	29
5	30.0	31.9	32.6	25.2	5-2001	245-480	.07	28
DULUTH HARBOR BASIN								
NORTHERN SECTION	24.2	24.9	27.1	24.9	4,9-2001	1100-2700	.64	28
SOUTHERN SECTION	24.4	B25.5	25.8	23.3	4,11-2001; 6,11-2002	1200-2700	.91	27
EAST GATE BASIN (NORTH)	26.3	27.2	27.4	23.4	6,11-2001; 6,11-2002	1500-3300	.33	27
WEST GATE BASIN	25.3	28.3	25.5	23.9	9-2002	400-850	.66	27
HOWARDS BAY	22.7	23.5	23.9	21.0	9-2002	100-750	.99	27
NORTH CHANNEL								
EASTERN SECTION	19.8	19.6	22.9	C13.8	7-2000; 9-2002	400	1.66	27
WESTERN SECTION	20.6	21.0	20.9	15.5	10-2001; 10-2002	400	.59	21
21ST AVE WEST CHANNEL	D6.3	D21.1	D21.1	D16.6	6-71;10-91	200	.33	20
SOUTH CHANNEL								
EASTERN SECTION	21.6	23.6	24.6	25.5	9-2002	400-800	.74	27
WESTERN SECTION	22.7	22.9	23.6	22.1	10-2002	400	.83	23
CROSS CHANNEL	20.7	27.6	28.4	19.2	9-2002	1300	.33	27
UPPER CHANNEL	19.0	23.7	21.9	E20.5	10-2002	500	1.00	23
MINNESOTA CHANNEL								
EASTERN SECTION	F20.2	21.9	22.9	G19.4	10-2002	600	.95	23
WESTERN SECTION	7.6	15.3	10.4	H 7.8	10-2000;10-2002	200	2.39	20
A. CHANNEL DIVIDED INTO QUARTERS WHEN ENTERING FROM LAKE. B. SHOALING TO 12.0 FT IN THE VICINITY OF WRECK AT 46°45'30.3"N - 92°05'29.7"W. C. SHOALING TO UNKNOWN DEPTH BEHIND THE 12 FT CURVE FROM 46°45'02.5"N - 92°06'08.8"W TO 46°45'07.2"N - 92°06'18.6"W D. RECENT SURVEYS NOT AVAILABLE FOR 21ST AVE WEST CHANNEL. E. SHOALING TO 8.6 FT AT 46°43'54.71"N - 92°08'39.49"W. F. SHOALING TO 3.9 FT WITHIN 150 FT FROM 46°43'13.01"N - 92°06'34.57"W. G. SHOALING TO 10.3 FT IN THE OUTSIDE HALF OF THE QUARTER FOR THE NORTHERN 900 FT OF THE REACH. H. SHOALING TO 2.2 FT IN THE OUTSIDE HALF OF THE QUARTER. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.								

Chart 18652 (Page E)

NM 43/03

SUISUN BAY AND SAN JOAQUIN RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLW (FEET)
SUISUN PT. REACH	44.3	45.5	47.2	2-03	300	0.8	35
BULLS HEAD CHANNEL	36.4	35.7	34.5	2-03	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33.4	34.2	33.7	2-03	350	1.1	35
PT. EDITH CROSSING RANGE	35.1	34.7	28.2	2-03	350	1.1	35
PRESTON PT. REACH	35.5	35.7	24.4	2-03	350	0.9	35
ROE ISLAND CHANNEL	33.2	35.8	33.0	2-03	350	1.1	35
PORT CHICAGO REACH	38.0	38.0	38.1	2-03	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37.4	37.7	36.4	2-03	350	1.29	35
EAST REACH	36.4	38.2	36.8	2-03	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	30.8	33.6	35.7	2-03	400	1.3	35
EAST REACH	33.4	34.2	31.4	2-03; 4-03	400	1.7	35
SAN JOAQUIN RIVER							
ANTIOCH REACH	32.2	32.6	31.3	4-03	400	3.3	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

SECTION I

NM 43/03

Chart 18656

NM 43/03

SUISUN BAY						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
SUISUN PT. REACH	44.3	45.5	47.2	2-03	300	0.8 35
BULLS HEAD CHANNEL	36.4	35.7	34.5	2-03	300-350	1.2 35
EAST BULLS HEAD CHANNEL	33.4	34.2	33.7	2-03	350	1.1 35
PT. EDITH CROSSING RANGE	35.1	34.7	28.2	2-03	350	1.1 35
PRESTON PT. REACH	35.5	35.7	24.4	2-03	350	0.9 35
ROE ISLAND CHANNEL	33.2	35.8	33.0	2-03	350	1.1 35
PORT CHICAGO REACH	38.0	38.0	38.1	2-03	350	0.52 35
MIDDLE GROUND CHANNEL						
WEST REACH	37.4	37.7	36.4	2-03	350	1.29 35
EAST REACH	36.4	38.2	36.8	2-03	350	1.09 35
NEW YORK SLOUGH						
WEST REACH	30.8	33.6	35.7	2-03	400	1.3 35
EAST REACH	33.4	34.2	31.4	2-03; 4-03	400	1.7 35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 18659

NM 43/03

SUISUN BAY						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
NEW YORK SLOUGH						
WEST REACH	30.8	33.6	35.7	2-03	400	1.3 35
EAST REACH	33.4	34.2	31.4	2-03; 4-03	400	1.7 35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 18660 (Lower Panel)

NM 43/03

SAN JOAQUIN RIVER-STOCKTON DEEP WATER CHANNEL						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
ANTIOCH TO LIGHT 17	32.2	32.6	31.3	4-03	400	3.3 35
LIGHT 17 TO LIGHT 43	A	A	A			
LIGHT 43 TO LIGHT 51	32.1	33.3	32.3	4-03	600	1.5 35
LIGHT 51 TO LIGHT 2	A	A	A			
LIGHT 2 TO LIGHT 6	34.9	35.4	36.3	4-03	225	1.5 35
THENCE TO LIGHT 16	34.7	35.3	33.9	4-03	225-250	2.8 35
A. SEE CHARTED SOUNDINGS.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 43/03

Chart 18660 (Upper Panel)

NM 43/03

SAN JOAQUIN RIVER-STOCKTON DEEP WATER CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ANTIOCH TO LIGHT 17	32.2	32.6	31.3	4-03	400 3.3 35
LIGHT 17 TO LIGHT 43	A	A	A		
LIGHT 43 TO LIGHT 51	32.1	33.3	32.3	4-03	600 1.5 35
LIGHT 51 TO LIGHT 2	A	A	A		
LIGHT 2 TO LIGHT 6	34.9	35.4	36.3	4-03	225 1.5 35
THENCE TO LIGHT 16	34.7	35.3	33.9	4-03	225-250 2.8 35
A. SEE CHARTED SOUNDINGS.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 18661 (Side A)

NM 43/03

SAN JOAQUIN RIVER-STOCKTON DEEP WATER CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ANTIOCH TO LIGHT 17	32.2	32.6	31.3	4-03	400 3.3 35
LIGHT 17 TO LIGHT 43	A	A	A		
LIGHT 43 TO LIGHT 51	32.1	33.3	32.3	4-03	600 1.5 35
LIGHT 51 TO LIGHT 2	A	A	A		
LIGHT 2 TO LIGHT 6	34.9	35.4	36.3	4-03	225 1.5 35
THENCE TO LIGHT 16	34.7	35.3	33.9	4-03	225-250 2.8 35
THENCE TO LIGHT 24	31.7	33.0	29.6	4-03	225-250 2.1 35
THENCE TO LIGHT 34	32.0	34.9	33.9	4-03	250 1.5 35
THENCE TO LIGHT 43	33.9	34.2	32.9	4-03	200-250 3.4 35
THENCE TO LIGHT 48	33.6	33.9	31.8	4-03	225-250 1.1 35
THENCE TO TURNING BASIN	33.0	34.0	32.8	4-03	225-250 0.8 35
TURNING BASIN	32.8	32.9	32.8	4-03	225-975 0.3 35
A. SEE CHARTED SOUNDINGS.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 18661 (Side B)

NM 43/03

SAN JOAQUIN RIVER-STOCKTON DEEP WATER CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ANTIOCH TO LIGHT 17	32.2	32.6	31.3	4-03	400 3.3 35
LIGHT 17 TO LIGHT 43	A	A	A		
LIGHT 43 TO LIGHT 51	32.1	33.3	32.3	4-03	600 1.5 35
LIGHT 51 TO LIGHT 2	A	A	A		
LIGHT 2 TO LIGHT 6	34.9	35.4	36.3	4-03	225 1.5 35
THENCE TO LIGHT 16	34.7	35.3	33.9	4-03	225-250 2.8 35
THENCE TO LIGHT 24	31.7	33.0	29.6	4-03	225-250 2.1 35
THENCE TO LIGHT 34	32.0	34.9	33.9	4-03	250 1.5 35
THENCE TO LIGHT 43	33.9	34.2	32.9	4-03	200-250 3.4 35
THENCE TO LIGHT 48	33.6	33.9	31.8	4-03	225-250 1.1 35
THENCE TO TURNING BASIN	33.0	34.0	32.8	4-03	225-250 0.8 35
TURNING BASIN	32.8	32.9	32.8	4-03	225-975 0.3 35
A. SEE CHARTED SOUNDINGS.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

SECTION I

NM 43/03

Chart 18663

NM 43/03

SAN JOAQUIN RIVER-STOCKTON DEEP WATER CHANNEL						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (AUT. MILES)
LIGHT 2 (CHART 18661) TO LIGHT 6 THENCE TO LIGHT 16 THENCE TO LIGHT 24 THENCE TO LIGHT 34 THENCE TO LIGHT 43 THENCE TO LIGHT 48 THENCE TO TURNING BASIN TURNING BASIN	34.9 34.7 31.7 32.0 33.9 33.6 33.0 32.8	35.4 35.3 33.0 34.9 34.2 33.9 34.0 32.9	36.3 33.9 29.6 33.9 32.9 31.8 32.8 32.8	4-03 4-03 4-03 4-03 4-03 4-03 4-03 4-03	225 225-250 225-250 250 200-250 225-250 225-250 225-975	1.5 2.8 2.1 1.5 3.4 1.1 0.8 0.3

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 25673

NM 43/03

MAYAGUEZ HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUNE 2003 AND SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)
APPROACH CHANNEL TERMINAL CHANNEL	A22.7 B21.8	30.8 B21.0	30.2 B19.9	A29.1 B14.9	4-03 4-03	1000-500 500

A. SHOALING ALONG NORTH EDGE OF CHANNEL OPPOSITE RED BUOY-6. SHOALING ALSO ALONG SOUTH EDGE OF CHANNEL FROM 800 FEET SEAWARD OF RED BUOY-6 AND EXTENDING 400 FEET EASTWARD.

B. SHOALING ALONG SOUTH AND EAST PERIMETER OF BASIN, EXTENDING NORTH OF BUOY-10. LEAST DEPTH OCCURRING IN SOUTHEAST CORNER OF BASIN.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11309	36	36,46/02;1,6,7,22,24,25, 32/03	11366	7	48*,51/02;5,6,7,8,19,21, 23,24,26,27,29,30,34,35, 37/03	11470	36	10*,12,40/03
20	3	18/03	11310	1	N46/02;N22,N23,N32/03	11367	32	38/03*	11472	31	8*,25,40/03
22	1	18/03	11311	23	46/02;26/03	11368	22	38/02*;19,21,23,30,33, 34,35/03	11474	10	6,17/03
50	6	32*,34,40/03	11312	3	36,46/02;1,6,7,22,23, 32/03	11369	44	9*,18,19,21,27,43/03	11475	16	51/02;13/03
53	2	34/03	11313	22	22,27,36/03	11370	24	38/03*	11476	19	6,34/03
70	4	7,34/03	11314	22	17*,21,22,32/03	11371	36	35/03*	11478	20	32/03*
71	4	7,34/03	11315	30	37/02*	11372	30	2*,7,8,10,19,23,24,26,27, 31,42/03	11479	4	N35,N50/02;N6,N23, N25,N31,N34,N40/03
73	4	34/03	11316	39	17*,22,26,29,34/03	11373	42	33,37,40,41,42,45,49/02; 7,9,19,20,21,23,24,25,26, 27,29,34,36,38,42/03	11480	38	30/03*
101	3	48/02	11317	29	37,40,49/02;16,19,20,21, 23,26,29,30,34/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23,24,26,27,29,34, 36,38/03	11481	4	42*,49/02;6,12,13,19,28, 34/03
103	5	16/03	11318	1	N46/02;N6,N24,N25/03	11375	35	1*,2,5,7,9,20,23,24,27, 29/03	11484	21	34/03
108	9	35/02;34,39/03	11319	31	17*,19,20,25,26,29,30, 34/03	11376	48	40,43,50/02;2,7,19,20,21, 22,23,24,25,26,30,36,37, 38/03	11485	33	22/03*
120	6	39/03	11320	1	N22,N23,N24/03	11377	5	38/03*	11486	15	36/03*
124	10	18,34,39/03	11321	29	39,40,41,45/02;23,31, 34/03	11378	32	11*,12,18,20,21,22,24, 26,30,38/03	11488	24	7,17/03
125	7	21/03	11322	28	19*,20,23,30,34,35,42/03	11379	35	1*,2,5,7,9,20,23,24,27, 29/03	11489	34	8*,12,20,22,31/03
126	39	21/03	11323	59	33,37,39,45/02;1,6,7,9, 20,23,27,29,31,34,35,38, 42/03	11380	40	43,45,50/02;2,7,19,20,21, 22,23,24,25,26,30,36,37, 38/03	11491	33	34,37,38/02;12,30,34/03
145	16	39/03	11324	32	33,37/02;1,6,7,9,10,16, 20,21,23,25,29,30,31,37, 38,42/03	11381	39	46/02*,9,25,26,37/03	11493	9	N39/02;N12,N20,N22, N31/03
200	3	37/03	11325	35	26*,38,42/03	11382	49	9,18,26,30,37/03	11494	8	N39/02;N22/03
301	1	14,21,24/03	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38/03	11384	33	30/03*	11496	9	N35/02;N1,N17,N19, N34/03
302	1	2/03	11327	30	37,49/02;1,16,19,20,22, 24,29,30,33,35,38,42/03	11388	16	24,34/03	11502	28	14,17,20,22/03
310	20	2,14,21,24/03	11328	23	43/03*	11389	32	33,37/02;2,7,32,42/03	11503	39	38*,39,43/02;12,14,17, 20,22,31/03
400	3	33,35,45/02;29,33,34/03	11329	34	36,37,39,45/02;1,6,7,9, 10,16,21,22,30,36,38, 42/03	11390	22	33,34,37/02;7,21,32/03	11504	15	12,22/03
401	5	33,35,45/02;14,29,33, 34/03	11330	14	2*,4,6,7,8,17,19,20,21, 22,23,27,30,31,34,35,36, 38/03	11391	22	33,34/02;7,21,32/03	11505	1	34,40,49/02;1,4,5,11,22, 34,43/03
411	49	19*,22,23,24,25,26,29, 30,31,33/03	11331	18	8,19,23,30,34/03	11392	6	34/02;21,32/03	11506	40	10*,19,22,28,34,43/03
500	8	32*,34,41/03	11332	28	42*,43,49,51/02;6,17,19, 20,23,25,31,34,35,37/03	11393	20	30,35,42/03	11507	31	9*,12,20/03
501	12	9*,10,18,21,22,24,40, 41/03	11333	1	N35/03	11400	34	39/02;4,9,11,12,13/03	11508	21	10/03*
502	2	52/02;40/03	11334	68	37*,38/03	11401	29	27/03	11509	27	1,11,24/03
507	2	45/02	11335	39	14*,17,21,22,23,25,31, 34,37,38/03	11402	21	30*,34/03	11510	18	34/02
508	2	45/02	11336	34	43*,44,49,51/02;6,17,19, 20,23,25,31,34,35,37/03	11404	21	50/02;9,19,27/03	11511	16	11/03
510	3	40/03	11337	1	N35/03	11405	29	38/03*	11512	59	10*,11,15,20,22,24,34, 43/03
513	6	38/02;34/03	11338	68	37*,38/03	11406	11	9/03	11513	23	49/02;1,24/03
520	127	38/02;34,40,41/03	11339	14	2*,4,6,7,8,17,19,20,21, 22,23,27,30,31,34,35,36, 38/03	11408	28	3/03*	11514	26	37*,40,49/02;4,5,15,22, 24,34,43/03
521	11	34/03	11340	39	14*,17,21,22,23,25,31, 34,37,38/03	11409	28	32/03*	11515	30	43/03*
523	8	34/03	11341	39	14*,17,21,22,23,25,31, 34,37,38/03	11411	14	43*,45/02;7,20/03	11517	17	24/03
524	12	47/02;34/03	11342	52	27*,29,31,34,35,42/03	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11518	33	14*,19,28/03
525	3	40/03	11343	36	37,40,49/02;4,8,17,19,20, 23,30,34,35/03	11415	5	42*,45/02;1,2,7,14,20/03	11519	12	28/03*
526	10	47/02;6/03	11344	35	9*,19,22,23,26,27,29,31, 34,38,43/03	11416	5	42,48/02;1,2,6,11,12,14, 20/03	11520	41	38*,39/03
530	30	37,38,40,52/02;6,10,18, 21,22,24,34,40,41/03	11345	31	9*,38/03	11420	27	20*,21,22,25/03	11521	26	35/02;9,19,24,28,34, 39/03
531	21	47,52/02;21,24,32,34, 41/03	11346	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43/03	11424	18	14,25/03	11522	19	39/03
532	17	38/02;34/03	11347	52	27*,29,31,34,35,42/03	11425	34	46*,49/02;4,25/03	11523	21	35,52/02;5,9,19,24,28, 34/03
540	16	51/02;16,30/03	11348	20	43/03*	11426	36	38/03*	11524	46	8*,11,12,13,15,17,19,20, 22,28,34,43/03
541	2	6/03	11349	40	38*,42,51/02;23,26,27, 31,36/03	11427	33	2/03*	11525	6	N39,N40,N44,N46, N51/02;N4,N6,N8,N24, N39/03
550	7	45/02;6/03	11350	25	43/03*	11428	32	52/02*;6/03	11526	10	20/03*
601	4	6,8,27,38/03	11351	38	20*,22,23,25,27,30,31, 34/03	11429	21	47/02*	11527	16	37/02;20/03
602	6	47/02;6,38/03	11352	36	3*,7,8,9,20,22,24,26,31, 34/03	11430	25	17/03*	11531	21	11,39/03
603	6	47/02;10/03	11353	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34, 43/03	11434	25	41/03*	11532	20	37/02;39,43/03
604	5	38/03	11354	24	26*,31,34/03	11435	13	N8,N15,N21,N22, N39/03	11534	32	17*,36/03
605	4	6/03	11355	25	38/03*	11438	11	7,8,21/03	11535	12	46/02;39/03
606	1	17/03	11356	35	38/03*	11439	25	6,15,22/03	11536	16	38/03*
607	1	17/03	11357	36	38/03*	11441	39	36/02;6,7,15,20/03	11537	34	21*,23,26,35,36,43/03
622	9	47/02;6/03	11358	52	41/03*	11442	34	38*,39/03	11539	18	39,44,51/02;6/03
623	9	47/02;19,36/03	11359	11	39/02	11443	25	6,15,22/03	11541	33	8*,9,14,22,35,39/03
632	8	45/02	11360	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11445	30	7,15,39/03	11542	15	39/02
702	5	7/03	11361	70	21*,23,24,25,26,30,31, 35/03	11446	30	36/02;7,15,20/03	11543	22	39/02;8,38/03
703	4	46/02;7/03	11362	4	N33,N36,N39,N40, N47/02;N2,N5,N6,N8, N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38/03	11447	35	38/02*;20/03	11544	37	36/02*;8/03
705	3	46,52/02	11363	38	35,38,40,43,49,51/02;4,5, 7,18,19,20,21,22,24,26, 27,34,38,43/03	11448	14	7/03	11545	60	45*,47*;20/6,14,22,23, 24,35,38,39,43/03
707	7	34/03	11364	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35, 43/03	11449	16	7/03	11547	35	37,47/02;6,8,14,22,23,35, 38,39,43/03
708	3	34,36/03	11365	17	52/02*;9,32,34/03	11450	8	15,22,25,39/03	11548	38	47/02*
709	2	50/02;19,25/03				11451	31	20*,22,25/03	11550	28	17/03*
1113A		20*,21,22,25/03				11452	16	7/03	11553	28	8/03*
1114A	39/02	4,9,11,12,13/03				11453	16	7/03	11555	38	36/02*;7,24/03
1115A	1*	2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03				11454	17	24/03*	11557	34	21*,23,26,35,36,43/03
1116A	37*	38/03				11455	17	24/03*	11559	18	39,44,51/02;6/03
1117A	28*	30,31,32,34,35,36/03				11456	36	52/02*;22,40/03	11561	33	8*,9,14,22,35,39/03
11004	7	37,39,40,42,43,45,47, 51/02;5,6,7,8,9,14,18,21, 22,23,24,25,26,27,29,30, 32,33,34,36,37,38/03				11457	30	36/02*;31,34,39,40/03	11562	35	10*,33/03
11005	36	35,44,51/02;6,12,19, 39/03				11458	24	22,25/03	11563	28	43/03*
11013	45	38*,40/03				11459	17	24/03*	11564	22	39/02;8,38/03
11300	39	28*,30,31,32,34,35,36/03				11460	38	36/02*;6,13,15,21,23, 25,31,34,39,40/03	11565	29	33,38,46/02;10,28,33/03
11301	23	37/02;16,24,32/03				11461	5	7,15,25,39/03	11566	20	50,52/02;18/03
11302	13	29*,37/02;16,24/03				11462	24	22,25/03	11567	27	47/02*;8,03*
11303	1	N36,N46/02;N1,N6,N7, N32/03				11463	17	24/03*			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12221	74	35*,41/03	12368	26	42/02*;24,25/03	13323	7	5/03	14228	11	39/03**
12222	44	26*,28,33,34,41/03	12369	25	44/02;32,35,36,43/03	13324	13	41,52/02;2/03	14229		N39/03*
12224	23	8*,33/03	12370	18	39/02*	13325	14	2,29/03	14240	6	43/03**
12225	54	22*,33/03	12371	23	27/03*	13326	12	41,43/02	14241	23	39/03**
12226	16	7/03	12372	31	45*,47,48/02;2,5,6,23,25, 36/03	13327	2	6/03	14242	13	40/03**
12228	29	43/02*	12373	14	2/03	13329	3	39/02*;9,21,42/03	14243	8	39/03**
12230	60	30*,34,42/03	12377	14	37/02	13329	4	9,19,21/03	14244	5	39/03**
12231	26	35,46/02;7,30/03	12378	14	2,13,23/03	13329	3	36/02	14245	4	39/03**
12233	35	3*,4,5,6,14,34/03	12401	7	47/02;2,13,33,41/03	14002	57	32,34,36,37,42/03	14246	6	39/03**
12235	29	47/02;4,6,7,17,33/03	12402	8	33,47/02;13,34,41/03	14003	6	48,49/02;5,9,12,29,39/03	14247		N39/03*
12237	26	47/02;17,25,34/03	13000		N48,N49/02;N21,N26, N29/03	14007		N38/03*	14248		N40/03*
12238	37	46/02*;1,4,7,19,25,34/03	13003	47	36*,39/03	14008	76	38/03**	14249		N39/03*
12241	21	34,44/02;7,34/03	13006	31	36*,39/03	14010	5	35/02;26,32/03	14250		N40/03*
12245	62	30*,33,34/03	13009	30	42*,48,49/02;1,9,18,23, 36,39/03	14024	5	33,36,39/02;12,22,36/03	14251		N40/03*
12248	39	33,40,50/02;4,5,6,8,15, 22,30,33/03	13200	33	37,48/02;7,9,18,36,39/03	14040	65	40/02;34/03	14252		N40/03*
12251	23	35/02;4,6,7,15,26/03	13201	10	N37,N48/02;N9,N18, N36,N39/03	14041	12	34,36,42/03	14253		N40/03*
12252	23	33,34/02;4,7,10,15,17,30, 35/03	13203	12	37/02	14042	3	34,42/03	14254		N40/03*
12253	43	35/03*	13205	36	37,42,45,48/02;1,5,23/03	14043	7	21,26/03	14259	3	40/03**
12254	43	38*,43,44/02;30,34/03	13209	23	37/02;23/03	14044	44	6/03	14260	47	39/03**
12255	15	44/02;30,34/03	13211	13	47/02	14061	27	6,9/03	14263	15	40/03**
12256	13	33,44/02;24,30,34/03	13212	35	9*,13,36/03	14062	17	32,36/03	14264	4	40/03**
12261	28	37*,44/02;7,18,22/03	13213	40	14*,25,36/03	14066	19	6,34,42/03	14280	37	40/03**
12263	52	35*,42/03	13214	27	34*,45,48/02;5/03	14067	11	6/03	14310	2	40/03**
12264	28	38/02*;7,42/03	13215	17	45,48/02;1,5/03	14081	21	36/03	14329	5	32/03
12266	27	20,30/03	13216	1	N48/02	14087	58	33/02	14340	25	33,37,40,52/02;12,22, 30/03
12270	32	9*,18,24,25,33,34/03	13218	38	42,45,51/02;5/03	14088	10	41/02*;34/03	14341	5	12,34/03
12272	29	36,45/02;13,16,30,33, 38/03	13221	53	44,51/02;2,5,7,27/03	14089	29	41/02*;34/03	14342	20	52/02;30/03
12273	53	36,45,50/02;5,15,17,19, 30,33,38/03	13222	36	52/02/03	14090	2	33/02	14344	2	37,40/02
12274	33	37*,50/02;5,15,17,30, 33/03	13224	36	44/02;5,27/03	14091	6	41/02*	14345	5	37,40/02;12,22/03
12277	32	35/03*	13226	5	44/02;6,7/03	14110	42	32/03	14349	7	42/03
12278	72	36,45/02;19,25,30,33, 38/03	13227	13	7/03	14111	7	14,32,34,42/03	14353	3	42/03
12280	3	37*,43,45,46,47,50, 52/02;1,6,7,18,28,33, 38/03	13228	11	51,52/02	14112	5	32,42/03	14354	2	32,42/03
12281	49	12,19,25,38/03	13230	27	39,42,45,52/02;1,7,19/03	14143		N38/03*	14357		N52/02
12282	34	43/03*	13230	46	2*,7,19/03	14144	29	38/03**	14358		N36/02;N34/03
12283	24	8,18,25/03	13231	15	34,42/02	14146	2	32/03	14360	36	33,36/02
12284	15	7,42/03	13234	39	48/02;7,32/03	14151	2	37/02;32,34,38/03	14373	2	34/03
12285	35	11*,14,19,22,34,36/03	13232	4	39,42/02	14168		N37/03	14377	16	26/03
12286	29	2*,4,6,42/03	13233	16	10,39/03	14169	2	32,38,42/03	14386	3	36/02
12289	48	10*,19,22/03	13236	29	45/02;1,7,19/03	14173	2	38/03	14415	4	33/02;36/03
12300	43	19*,39/03	13237	18	3*,8/03	14174		N42/03*	14420	27	40/03**
12301	21	N37,N39,N42,N45/02; N5,N17,N39/03	13260	39	36*,39,42/03	14175		N43/03*	14500	27	52/02*
12304	43	21*,26/03	13263	7	N36,N43,N48,N49/02; N1,N7,N9,N18,NP21, N23,N26,N29,N36,N39, N42/03	14184		N32/03	14758		N32/03
12311	42	38/03*	13264	103	36,49/02;9,P21,26,29,39, 42/03	14189	2	36,42/03	14773	16	26/03
12312	52	10*,15,24,32/03	13267	30	52/02;1,7,9,36/03	14190	2	37,42/03	14774	16	15/03
12313	49	35*,43/03	13270	59	33,34,40,43/02;1,2,7, 12/03	14191		N38/03*	14803	26	5/03
12317	31	37,50/02	13272	47	40/02;8,25,35/03	14192		N38/03*	14804	24	5/03
12318	41	9*,32/03	13274	25	43/03*	14193		N43/03*	14813	21	2/03*
12323	23	40/02;4/03	13275	27	45,52/02;1,2,7,16,42/03	14195		N42/03*	14815	22	43/03
12324	30	2*,8/03	13276	22	36/03*	14196		N38/03*	14816	23	5/03
12326	49	35/03*	13278	25	19,32,39/03	14197		N38/03*	14820	19	11/03*
12327	96	1*,2,8,12,13,14,16,18,19, 23,29,33,34,36,41/03	13279	30	20*,32,39/03	14198		N43/03*	14822	31	10/03*
12331	30	8*,13,14,18,33/03	13282	11	21*,39/03	14200	2	38/03**	14823	30	1/03*
12332	21	43,46/02;13,18/03	13283	18	1,9/03	14201	15	38/03**	14824	31	4/03
12333	32	46*,47/02;5,12,16,18,23, 29/03	13285	10	20/03	14202	12	42/03**	14826	26	4/03
12334	66	30*,34,36/03	13286	29	39*,40,50/02;1,9/03	14205	7	38/03**	14830	30	31*,34/03
12335	39	1,8,23/03	13288	40	36,43,50,51/02;29,42/03	14206	20	43/03**	14832	34	52/02*
12337	22	45/02;13,18/03	13290	35	39*,42/03	14208	28	38/03**	14833	25	43/03
12338	9	21/03*	13292	36	36,40/02;7,16,29,42/03	14209		N38/03*	14835	31	39/02
12339	43	23/03	13293	33	43,51/02;14,27/03	14211		N40/03*	14836	27	42/02*
12341	26	36/03*	13296	25	43/02;27/03	14212		N38/03*	14837	27	3/03
12343	18	37/02*;7,21,27/03	13298	10	43,52/02	14213		N39/03*	14838	3	52/02*
12345	10	42/02*;21/03	13301	20	33,51/02;23,42/03	14214		N39/03*	14839	36	9*,43/03
12347	29	27,29,35/03	13302	21	41/02;2,7,9,32,42/03	14215		N39/03*	14842	12	39/02;2,4/03
12348	33	27,29,34/03	13303	12	48/02*;7,9/03	14216		N39/03*	14843	22	39,51/02;43/03
12350	57	39*,49/02;29/03	13305	28	40,41,49/02;2,7,9,36/03	14217		N43/03*	14844	31	4/03
12352	29	34/02;17,39/03	13307	10	23,28/03	14218		N39/03*	14846	11	39,40/02;2,43/03
12353	17	39/03	13308	11	40/02	14219		N40/03*	14847	30	40/02;43/03
12354	40	38/03*	13309	28	42/02*;9,32/03	14220		N39/03*	14848	56	9,17,21,22/03
12358	19	46*,49/02;1,7,10/03	13312	21	10/03*	14221	26	40,46/02	14850	51	7,21/03
12362	16	49/02	13313	19	41,49,52/02;6,9,36/03	14222	16	40/03**	14852	45	19*,21/03
12363	39	44/02;6,23,27,32,36/03	13315	11	49/02	14224		N39/03*	14853	14	26/03*
12364	34	20*,23,25,27,32,36,39/03	13316	22	28/03*	14225	17	39/03**	14854	13	17/03
12365	26	6,23/03	13318	18	38*,41,52/02;5,6,21/03	14226	32	39/03**	14864	26	37/02
12366	27	51/02;20,27/03	13321	9	20/03*	14227	28	39/03**	14865	16	4/03

SECTION I

NM 43/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14910	23	17/03*	16599	6	43/02	17518	7	P44,48/02;16,18,20, 41/03	18459	5	N39/02;N9,N15,N28, N34,N38/03
14911	20	4/03	16603	7	42/02;6/03	17519	13	16/03	18460	11	2*,6,7,43/03
14912	17	31/03*	16606	11	37/02*;21/03	17520	2	N6,N16,N34/03	18464	23	24*,30/03
14913	18	31/03*	16608	3	6/03	17521		N15/03	18465	35	2*,15,30/03
14915	25	28/03*	16640	24	21/03	17522		N15/03	18468	17	7/03
14916	10	45/02*;17/03	16646	12	8/03	17523		N15/03	18471	9	36/03*
14917	23	3/03	16660	28	42/02;6,16/03	17524		N12,N15/03	18473	7	4*,18,19,34,38/03
14918	26	17/03	16663	6	42/02;6,16/03	17525		N15,N43/03	18474	7	45/02*;7,10,15,22,25,34, 36,38/03
14922	19	51/02;9/03	16665	7	42/02;6,16/03	17526		N15/03			
14924	27	5/03	16680	10	6,32,37/03	17528		N43/02;N6,N12/03	18475	1	35/03
14926	10	32/03*	16681	10	37/02*	17541	3	43/02	18476	4	39/02;7,9,28,34,38/03
14927	24	35,37/02	16682	15	8*,17,19,37/03	17542	6	47/02	18477	5	7/03
14928	21	4/03*	16683	9	3,6,17,32,37/03	17543	17	41/02;43/03	18480	29	2*,6,7,43/03
14929	24	14/03*	16700	28	40*,43/03	17545	13	43,47/02;43/03	18484	10	40/02;15,29/03
14930	24	45/02	16701	19	37/03*	17546	22	42,43,47/02;24,34,35, 43/03	18485	15	2*,10,29/03
14931	24	35/02*	16702	11	37/03*	17548	28	16,43/03	18500	28	39/02;12,22,28/03
14932	23	26/03*	16705	19	49/02;16,43/03	17549	6	47/02;15/03	18502	84	39,42,49/02;9,21,28,29, 42/03
14933	24	33*,37/02	16707	10	34,37/02;16,20/03	17550	4	42,43,P44,45,47,48, 52/02;43/03	18504	65	19*,35/03
14934	27	17*,26/03	16708	25	37,49/02;16,20/03	18000	8	45/02;6,10,21,36/03	18520	24	33,39/02;22/03
14937	24	52/02*;2,17/03	16709	22	49/02	18002	6	N45/02;N2,N6,N10,N21, N36/03	18521	69	34*,39,49/02;4,10,12,21, 22,24,29/03
14942	25	35/02	16712	1	16/03	18003	19	22*,41,43/03	18523	53	33/02;4,12/03
14963	20	51/02	16713	2	49/02	18005	4	N34/02;N6,N10,N13, N21,N26,N40/03	18524	33	33/02;4,6,10,24,29/03
14965	21	11/03*	16741	9	46/02	18006	3	N6/03	18525	33	33/02;4,9,29/03
14966	25	14*,21/03	16760	10	51/02;28/03	18007	31	33,34,37,38,39,40,47, 52/02;18,22,24,26,35, 41/03	18526	55	33/02;4,18,29/03
14967	22	5/03	16761	16	28/03	18008	7	N33,N43,N37,N38,N39, N40,N47,N52/02;N18, N22,N24,N26,N35,N37, N41/03	18528	10	52/02*,18/03
14970	25	40,46,51/02	17003	4	47,52/02;24,35,36/03	18009	2	N34/02;N6,N13,N26, N40/03	18529	10	52/02*
14973	27	15/03*	17005	10	41,45,47,52/02;24,34,35, 43/03	18010	20	33,34,37,38,39,40/02;6, 13,26,33,40/03	18531	20	34/02;9,10/03
14975	33	52/02*;43/03	17008	12	43/02;36/03	18020	36	34,37,45/02;6,10,13,21, 26,36,40,43/03	18532	20	10/03
14985	9	41/03*	17300	30	52/02*,21,39/03	18022	33	34,37,45/02;6,10,13,21, 25,33,35,36,40,43/03	18534	5	8/03*
14988	10	41/03*	17302	18	51/02	18040	12	34/03	18558	37	39/02
14995	11	52/02*	17303	9	37/02	18043	21	6,20/03	18561	11	33,39/02;10/03
15043	3	34/03	17313	23	2*,16,21,25/03	18045	12	43/02;16/03	18580	21	33,38,39/02
15044	3	34/03	17316	20	3,25/03	18046	5	16/03	18581	17	49/02*,4*,36/03
15066	5	32/03	17318	5	39/03	18047	44	41*,43/03	18583	38	33,42,49/02;12,43/03
15313	1	15/03	17320	15	13,29,34,39/03	18048	12	26/03*	18584	47	39,49/02;4,6,30/03
15562	N41/02;N16/03		17323	10	13,22,29,39/03	18050	68	33,39,42/02;4,6,9,10,21, 27,36/03			
15569	N23/03		17324	13	39/03	18052	37	22*,36/03			
15570	N23/03		17325	7	29/03	18600	14	33,37,38,40/02			
15585	N14/03		17327	20	5/03	18601	13	10/03			
15690	N35/03		17360	33	31*,36/03	18602	12	26/03*			
15880	N41/02		17382	15	20*,36/03	18603	16	9*,10/03			
15954	N47/02*		17383	1	49/02;8/03	18620	23	35/02*			
16003	16	13,36/03	17384	7	44/02	18622	52	49/02;21,25,27,35/03			
16004	11	13,17/03	17385	14	14/03*	18623	11	34/02			
16005	9	36/03	17400	16	36/02;10,12/03	18626	15	37/02;10/03			
16006	33	6,32,35,36/03	17401	10	1,36/03	18640	24	26,38,42/03			
16011	35	38/02;8,29,31,32,35/03	17402	10	46/02*	18643	17	26*,33,41,43/03			
16012	21	38/02;34/03	17405	14	12,25/03	18645	24	50/02;33,38/03			
16013	28	52/02;21,29,32,34,35, 41/03	17406	6	25/03	18647	15	2/03*			
16016	19	34/03	17409	10	39/02*	18649	62	33,36,38,41/02;4,6,21,26, 33,38,43/03			
16042	7	39/02*	17413	2	43,50/02;10/03	18650	51	33,38,41/02;4,21,26, 33/03			
16061	8	37,49/02;13,17/03	17414	3	41/02	18651	42	15/03*			
16200	13	36/03	17416	3	10,14/03	18652	32	36*,40,43/03			
16220	5	36/03	17420	26	36,37,42,43,50/02;1,10, 12,14,20,36/03	18653	9	36,38,41/02;4,6,21,43/03			
16300	8	52/02;3,8/03	17422	8	52/02*	18654	42	38,49/02;12,16,35/03			
16305	9	8/03	17426	13	37/02;1,16,20/03	18655	58	49/02;12,16/03			
16322	7	8/03	17427	7	21,36/03	18656	53	19*,21,33,40,43/03			
16363	12	38/02*	17428	7	5,36,43/03	18657	18	4,21,40/03			
16381	8	8,25/03	17429	2	N38/02*	18658	29	4,21,33,40/03			
16440	13	37/02	17430	10	5,36/03	18659	14	49/02;7,16,21,43/03			
16441	7	37/02	17434	11	5,36,43/03	18660	2	29*,43/03			
16442	7	41/03*	17435	16	40/03	18661	27	15*,16,43/03			
16480	10	38/02;34/03	17436	6	20/03	18662	20	7,43/03			
16500	9	9,33/03	17437	8	21/03	18663	5	14*,43/03			
16520	21	2,31,33/03	17438	12	50/02;10,14,15,21,36/03	18666	1	21,33/03			
16528	16	9,33/03	17441	7	10,15/03	18680	30	6,13,33,35,38,40/03			
16529	14	50/02;9,33/03	17443	12	10/03	18685	32	36*,36/03			
16530	6	50/02;33/03	17444	2	10,14,36/03	18687	13	8/03*			
16535	12	2,21,31/03	17445	4	5,14,36,41/03	18700	22	40/03*			
16549	15	41/03*	17446	N10/03	18703	25	40/03*				
16553	3	17/03	17460	N5,N36/03	18704	12	37/02				
16556	4	8/03*	17465	4	6,12/03	18720	31	35/02;4,6,10,12,25/03			
16561	1	29,35/03	17470	N23,N41/03	18721	11	35/02;6,10,39/03				
16566	10	29/03	17471	N6/03	18723	3	6/03				
16568	12	39/02*	17472	4	5,14,36,41/03	18724	1	22*,25/03			
16575	1	39/02	17480	4	43/02;5,10,36/03	18725	27	32/03*			
16576	3	42/02;6/03	17482	N7,N14,N41/03	18740	39	34,37,45,50/02;5,6,12,25, 27,35,41/03				
16580	11	39/02	17483	N41/03	18744	15	6,7,9,18,19/03				
16590	10	38/02*	17484	3	41/03	18747	26	52/02;6,7,10,18/03			
16592	9	16/03	17485	4	41/03	18748	32	33/02;10,15,22,34,36/03			
16593	11	14/03*	17489	19	43/02	18749	17	7,34/03			
16594	13	2/03	17495	2	43/02	18750	17	9/03*			
16595	14	2/03	17503	4	43/02	18751	16	34,38/03			
16596	12	39/02*	17513	N42,N43/02;N15/03	18752	24	14*,25,36,38,42/03				
16597	8	43/02	17515	7	6,15,16,36,43/03	18753	2	N39/02;N15,N34,N38/03			
16598	9	43/02	17517	8	6,15,16,34/03	18754	15	19*,28,34,38/03			
						18744	30	37/02;35/03			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
18746	34	34/02;5,13,41/03	21482	1	36/03	22345	11	42/02;24/03	24133	6	31/03	
18749	38	40/02;5,6,16,21,26,28,31, 39,41/03	21510	1	9,16/03	22347	6	N23/03*	24140	18	41,42/03	
18751	42	40/02;5,6,16,21,26,28,31, 39/03	21520	1	29/03	22351	1	N43/02;N12,N35,N41/03	24141	4	5/03	
18754	17	39*,43/03	21521	14	29/03	22352	6	12,19,24,35/03	24142	43	5,6/03	
18757	10	13,41/03	21563	3	45/02	22360	2	19/03	24150	27	41/03	
18758	6	35/02*;16,33/03	21581	5	41/03	22361	2	N10,N30,N32,N33, N34/03	24151	4	41/03	
18760	6	N34,N35,N45,N50/02; N6,N25,N35,N36/03	21584	2	41/03	22370	2	15,19,26,30,33,34/03	24152	2	41/03	
18765	15	45,50/02;12,27/03	21601	4	31/03	22371	5	30,32,33/03	24153	6	39/03	
18766	7	45,50/02;12,27,36/03	21603	9	5,31,36/03	22373	1	N50/02;N10,N24,N30, N32,N33,N34/03	24161	11	42/02;7,28,32,39,40/03	
18768	4	N45,N50/02;N12,N27, N36,N38/03	21605	7	31/03	22375	1	N10,N15,N26,N37/03	24162	9	42/02;6,7,28,32,39,40, 42/03	
18772	47	21/03*	21661	12	6/03	22377	1	N10,N13/03	24164	6	39,41/03	
18773	39	40*,41/03	22004	38	34,36,39,41,43,52/02;16, 29/03	22379	1	N50/02;N10,N30,N32/03	24170	14	5,6,35/03	
18774	10	35/02*;10,16/03	22008	35	34,36,39,41,43,44,48, 52/02;6,14,17,29,32, 38/03	22381	N43/02	2	42/02;15,19,22,26,30/03	24171	19	5,6,37/03
19002	9	N37,N51/02;N16,N23, N29/03	22012	31	34/02;6,29,32/03	22385	2	42/02;N30/03	24172	4	5,6/03	
19004	36	35,37,51/02;23,29,30/03	22032	20	19,40/03	22401	4	N23*,N30/03	24180	15	8,40/03	
19007	16	51/02;16,23,29,30/03	22036	28	47/02	22403	1	N45/02	24202	6	31,35/03	
19008	4	16,23,29/03	22050	4	12,26/03	22404	15	46/02	24210	14	42/03	
19009	4	16,23,29/03	22052	6	46/02;25,34,43/03	22406	1	N1/03	24220	14	39/03	
19010	17	45*,51/02;23,29/03	22082	4	13,25,38/03	22407	1	N4,N11,N18,N30/03	24222	3	39/03	
19013	16	51/02;29,30/03	22084	4	42/02;35,37/03	22408	1	N10,N21/03	24223	33	39/03	
19019	9	28/03*	22090	2	43/02;4,17/03	22409	4	N45/02;N10,N17,N22/03	24233	15	36,43/02	
19320	16	35,37,51/02;5,16,23/03	22100	3	12/03	22410	32	43,44,46/02;19,23,40/03	24234	3	35/03	
19324	22	35/02;5,23/03	22101	19	43/02;37/03	22413	N45/02;N22/03	22	42440	5	39/02;7,39/03	
19327	10	23,43/03	22102	19	17/03	22417	1	N10,N25/03	24251	23	34,43/02;6,39/03	
19330	9	27/03	22109	3	17/03	22418	2	36,44,46/02;19/03	24252	5	39,43/02;6,39/03	
19331	7	23,43/03	22111	4	17/03	22420	2	4,11,15,19,30,40/03	24260	5	34/02	
19339	1	N35,N49,N51/02;N5, N13,N30/03	22112	3	43/02;17,37/03	22421	4	N43,N44,N46/02;N11, N23,N25,N26,N27/03	24270	3	17,29/03	
19340	26	35,49,51/02;5,13,29,30, 36/03	22113	8	12,17/03	22423	3	N11,N25,N27/03	24271	14	17,29/03	
19347	17	29/03	22114	5	42,43/02;17,33,37/03	22424	N27/03	2	24274	2	17,29/03	
19348	7	29,43/03	22117	3	37/03	22425	2	44,46/02	24290	3	36,43/02	
19353	12	27/03	22120	3	34,36,39,41,43,52/02;29, 32/03	22427	1	N43,N44,N46,N50/02; N11,N23,N25,N26, N40/03	24291	4	36/02	
19357	22	42*,49,51/02;5,13,30, 36/03	22121	9	34,36,44,52/02;29,32/03	22429	N46/02;N10,N14,N17, N19,N27/03	2	24292	4	36/02	
19359	10	12,16/03	22125	1	36/02	22430	6	19/03	24293	6	36/02;37,42/03	
19360	1	N37,N51/02	22126	1	36/02	22433	3	39,47/02;11,14,35/03	24294	22	36/02;37/03	
19361	7	30/03	22130	2	44/02;14,17,29,32,38/03	22434	2	35/03	24320	4	34,43/02;6,17,03	
19362	12	49/02	22138	2	41,44,48/02;6/03	22436	2	39/02;10,14/03	24321	3	6/03	
19366	36	49/02;5/03	22140	2	34,36,44/02;25/03	22440	1	19/03	24322	6	34/02;6,17/03	
19367	37	49/02;10/03	22142	2	39,41,43/02;25,40/03	22440	31	44/02	24350	2	51/02;18/03	
19369	5	49/02;10,36/03	22143	2	26*,29/03	22441	35	44/02;19/03	24355	2	51/02;25,37/03	
19379	1	N51/02;N5,N13,N30/03	22160	2	34,39,41,48,52/02;25/03	22443	2	35/03	24360	1	25/03	
19380	14	51/02;5,13,30/03	22170	3	39/02;6/03	22446	1	19/03	24370	1	34/02	
19381	8	49,51/02;26/03	22172	8	48/02*;4,6,29/03	22447	31	44/02	24375	2	34/02;38/03	
19382	15	26/03	22173	36	48/02*;6,17,29/03	22448	35	43,44/02;19/03	24376	1	38/03	
19383	17	49/02;5/03	22180	2	34/02;32/03	22449	16	44,50/02;23/03	24380	2	35/02	
19401	8	10/03*	22181	16	39,41/02;29/03	22450	3	34/03	24388	2	35/02	
19402	6	9/03*	22182	6	34/02;14,29/03	22451	3	12,17,34/03	24404	8	35,44,48/02	
19421	7	8/03*	22183	3	32/03	22452	3	12,17,34/03	24405	10	35,36,44,48/02	
19441	7	28/03*	22190	2	29/03	22453	8	33/02	24406	30	2/03	
19442	5	14*,26/03	22205	2	12,18/03	22454	3	12,17,35/03	24408	21	36,44,48/02	
19461	7	10/03*	22211	20	12,31,34/03	22455	4	17/03	24410	2	44/02	
19483	6	11/03*	22221	1	4,12,31/03	22456	7	12,22/03	24430	5	39/02;8,11,31/03	
21005	5	45/02;2/03	22225	2	12,18,40/03	22457	7	34/02;22,37,42/03	24431	14	39/02;31/03	
21008	62	39,42,43,50/02;1,2,36/03	22233	29	13,18,25,37/03	22458	7	34/02;21,22,37,42/03	24434	4	39/02	
21011	5	2/03	22250	2	42/02;12,18/03	22459	10	8,37/03	24446	5	47/02;16,29/03	
21014	72	42,50,52/02;2,3,4/03	22251	11	12,28/03	22460	3	37/03	24463	6	39/02;12,15,25,26,38/03	
21017	50	41,50/02;4,5,6,9/03	22259	4	20,24/03	22461	10	37,52/02	24465	6	33,47/02;38/03	
21020	42	41/02;5,6,7/03	22263	1	26,37/03	22462	3	12/03	24469	1	46,47/02;13/03	
21021	3	45/02;13/03	22264	2	42/02;13,18,20,24,26,37, 41/03	22464	7	37,52/02;12/03	24470	4	39,47/02	
21023	41	34/02;7,8,9/03	22275	3	42/02;12,18,26/03	22465	3	8,37/03	24471	8	47/02	
21033	46	1,16/03	22281	9	12,18/03	22466	10	38,03	24480	1	41,44,45,49/02;24,27, 42/03	
21036	7	1,16/03	22282	17	12/03	22467	2	49/02;31/03	24482	2	49/02;31/03	
21120	27	47,50,51,52/02	22283	3	N12/03	22468	46	18,25/03	24483	2	49/02	
21121	18	47/02	22284	7	N10,N38/03	22469	6	48/02	24484	3	49/02;31/03	
21122	5	47/02	22290	4	18,30/03	22470	11	34,38,49/02;20,31,32, 33/03	24490	3	25,27/03	
21125	13	51,52/02;36/03	22293	15	18,26,37,38/03	22471	15	37,38/02;14,19,21,30, 42/03	24491	3	27/03	
21126	1	50/02	22294	15	12/03	22472	42/03	24492	20	46/02		
21140	1	45,50/02;12,27,36/03	22305	2	18,24,30,34/03	22473	16	19/03	24501	3	27/03	
21141	23	48/02	22311	19	8/03	22474	6	37,49/02;14,19,21,42/03	24502	6	46/02;27,34/03	
21160	1	45/02	22312	2	13,30/03	22475	4	38,49/02;20,30,33,42/03	24504	7	41,45,46/02;42/03	
21161	19	43,48/02	22313	2	44/02;8,18,38,40/03	22476	2	37,38/02;19,22,28,29,30,	24508	3	22/03*	
21180	1	2,7/03	22314	1	44/02;40/03	22477	42/03	24509	2	45,50/02;15,25,34,42/03		
21182	34	39/02	22322	11	33/03**	22478	2	34/02;17,32/03	24510	2	41,45,46,50/02;42/03	
21200	1	2/03	22331	2	N10,N19,N24/03	22479	5	17/03	24511	2	24,42/03	
21301	13	3,12/03	22335	4	19/03	22480	6	6,21/03	24512	3	44,46/02;24,25,38,42/03	
21342	28	41,44/02	22341	9	43/02;11,21,29/03	22481	14	6/03	24513	18	46/02;38,42/03	
21384	3	6/03	22342	9	21,29/03	22482	3	37,41/02	24517	2	46,49/02;25,40,42/03	
21401	20	7/03	22343	1	N43/02;N10,N11,N21, N41/03	22483	3	37,41/02	25001	7	15/03	
21441	27	34,44/02	22344	6	N23/03*	22484	3	35/03	25017	5	15,25,31,34,39/03	
21478	3	9,16/03				22485	14	5/03	25018	9	15,25,31,34,39/03	

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
25400	1	35,48/02	27060	2	22,23,34/03	35256	2	14/03	37104	3	41/02
25480	1	42,46/02	27080	4	15,22,39/03	35270	2	38,46/02	37106	4	32/03
25485	45	36/03	27081	6	49/02	35276	3	46/02	37110	11	47/02;20,25,31,32,39/03
25487	2	36/03	27082	6	49,51/02	35277	3	38,46/02	37112	1	47/02
25524	43	33/02;1,5,20,24,26,32/03	27083	39	28/03	35279	3	38/02	37115	2	33,47/02;7,25,31,32,39/03
25525	17	1,5,26/03	27084	4	13/03	35299	9	13/03	37119	2	43/02
25526	2	33/02;24,32/03	27100	2	8,21/03	35301	6	17/03	37120	2	39,42,49,51/02;4,6,21,23,24,25,26,27,30,32,39,42,43/03
25527	31	33/02;24,32/03	27102	11	28/03	35302	7	17/03			
25528	5	42/02	27120	4	41,43,44/02	35303	7	40/02;17/03			
25550	2	21/03	27142	5	9/03	35308	5	10/03			
25563	50	33/02;14,18,21/03	27160	2	8,13,35/03	35330	2	38,41/02	37121	11	25/03
25565	7	33/02	27161	4	8,13/03	35350	2	38,41/02	37122	12	48/02;19,31/03
25566	27	18,30/03	27163	21	49/02;8/03	35402	3	38/02	37123	9	49/02;6,20/03
25567	16	21/03	27183	8	1,9/03	36005	2	34,36,38,45,46/02;P12,14,17,24,25,27,31,43/03	37125	15	42,49/02;6,9,20/03
25570	3	16/03	27186	8	1,9/03				37126	8	41/02
25575	4	35,39/03	28004	1	45/02;8,9,22/03	36010	27	38/02;5,15,16,20,23,43/03	37127	11	49/02;4,6,20/03
25600	47	25,27/03	28006	1	8/03	36015	2	36,46/02;27/03	37129	6	39,42,49/02;4,6,20,23,24,30,42/03
25607	4	39/02	28050	3	34/02;26,42/03	36040	16	1,15/03	37133	4	44/02
25608	21	16,26,34,38/03	28084	4	17/03**	36046	5	38/02	37134	5	38/02
25613	2	25,27/03	28150	3	8/03	36060	17	38/02;5,8,20,21/03	37136	6	38,46,50,51/02;30/03
25640	40	15,25,31,34,39/03	28154	2	38/03	36061	5	46/02;20/03	37137	6	46,48/02;30/03
25644	13	20/03*	28190	2	41,43,45,46/02;18/03	36062	11	40*/46/02	37139	8	1/03
25646	7	N42/02	28196	4	41,43,45/02;18/03	36098	6	5/03	37140	33	35,49,51/02;4,6,16,24,25,30,32,42,43/03
25649	18	35/02;4,31/03	28197	4	45/02;18/03	36102	6	13/03	37141	29	36,40,48,51/02;1,4,12,17,19,24,27,31/03
25650	33	25,30,31,39/03	28202	22	41,44/02	36103	9	13/03	37145	23	46,50/02;4/03
25653	13	8/03*	28210	2	33,35,39,41/02	36104	6	13/03	37147	15	35,36,40/02;1,10,12,16,17,19,25/03
25659	9	20/03*	28220	2	35,39/02	36106	7	47/02;5,13/03	37148	13	35,38/02;4,10,11,27/03
25663	27	17,30,39/03	28221	18	33,37,39/02;5/03	36118	3	5/03	37149	10	44/02
25664	15	17,30,39/03	28223	4	35,39/02	36120	9	46/02;5,8,16,23,27/03	37150	8	14,19,26,27,32,33,35,37,39,41/43/03
25666	17	17/03	28260	30	35,37/02	36123	25	46/02;11,16/03	37161	14	34,43/02;1,14,19,24,41,43/03
25667	20	15/03	28263	3	35,37/02	36124	18	16/03	37162	12	21,26,27,30,32,33,35,37,39,40,41,43/03
25668	18	48/02;13,34/03	28264	3	35,37/02	36125	7	4,30/03	37166	2	34,36/02;10,12,13,15,21,23,26,27,28,30,32,34,35,37,39,43/03
25670	41	38,48,49/02;4,5,13,20/03	28265	3	37/02	36137	4	38/02	37167	2	34,36/02;10,12,13,15,21,23,26,27,28,30,32,33,35,37,39,40,41,43/03
25671	18	21/03*	28281	32	36/02	36138	3	39/02;4/03	37170	11	38/02;14,19/03
25673	15	42/02;43/03	28282	2	35/02	36139	4	4/03	37175	2	5,27,30/03
25675	9	20/03*	28300	1	39,50/02	36140	12	36,41/02;4,10,27/03	37180	20	38/02;27,31,35/03
25677	20	32*,39/03	28302	16	33,39,40/02;12/03	36141	7	4/03	37182	14	35,47,48/02;24,27/03
25679	10	20/03*	28310	2	33,35,39/02	36143	4	34/02;5,30,43/03	37183	9	48,51/02;10,24/03
25681	16	28*,34,39/03	28320	6	33/02	36161	10	34,44,45,47,50/02;4,10,18/03	37184	8	48/02;5/03
25683	18	32*,34,39/03	28325	2	5/03	36162	10	35,45,47,50/02;4,18/03	37200	15	28,30,35/03
25685	9	22/03*	29002	9	18,29/03	36163	13	34,35,38,44,45,47,50/02;	37202	2	22,27/03
25687	12	30/03*	29015	5	16/03	36164	7	34,38,44,46/02;8,15/03	37205	2	39/02;22,24,30,40,40/03
25700	3	15/03	29040	3	39/03	36165	6	36,44/02;10,27,30,43/03	37221	13	34,36/02;6,10,11,12,13,14,15,21,23,29,30,32/03
25720	3	33/02	29107	2	29,36/03	36167	2	40/02	37222	13	21,22,30/03
25800	3	36/02	29127	4	29,39,42/03	36173	1	40/02	37223	14	42/02;21,26,27,30,32,34,35,39,43/03
25841	9	36/02	29141	3	29,39/03	36180	23	36,40,50/02;4,27/03	37224	11	22,23,30,37/03
25848	25	5,13,15/03	29142	3	7/03	36181	18	36,40,50/02;4/03	37226	17	39/02;8,9,12,14,17,21,23/03
25849	13	42/02;12/03	35000	26	47,48/02;14/03	36182	6	36,40/02;27/03	37228	14	8,14,23,27,29,30/03
26001	4	9/03	35008	21	45,48,50/02;5,25,27/03	37000	22	47,48/02;14,23,43/03	37230	14	39/02;28/03
26050	1	34/02;26/03	35009	19	40,41,45/02;5,10,14/03	37005	16	41,45,47/02;5,12,13,15,23,28,29,30/03	37231	18	6,10,12,14/03
26060	1	49/02;42/03	35011	2	48/02;1,25/03	37032	2	1,6,25,31,38,42,43/03	37232	12	29,31/03
26068	11	18/03	35036	21	36/02;10,15,27,43/03	37034	2	8,14,33,41/03	37234	13	7,8,31/03
26081	8	46/02;16,42,43/03	35040	18	45/02;8,4,10,14,21/03	37041	15	50/02	37235	11	17/03
26100	4	31/03	35041	8	35/02;4/03	37042	5	41,45/02	37238	6	17,21,30,33,37,40,41/03
26122	30	22/03*	35042	9	44/02;4,14/03	37043	17	43/02;43/03	37241	17	26,27,30,32,33,35,37,39,43/03
26125	3	41/03	35044	9	38/02	37044	16	45/02	37242	10	26,30,32,35,39,43/03
26127	21	49/02;5/03	35047	5	35/02	37045	11	45/02	37243	7	27,30,32,37/03
26128	50	49/02;5/03	35060	14	40,41/02;10,14,14/03	37046	18	43/02;43/03	37244	11	23,26,27,28,30,32,33,35,37,39,43/03
26129	11	41/03	35080	16	40/02	37050	9	42,46/02;10,12,17/03	37246	14	21,24,27,30,32,33,35,39,40,43/03
26142	10	33/02	35081	15	22,27/03	37060	3	46,50/02;9,13,18,43/03	37248	18	39/02;21,23,24,26,27,30,32,35,40,41,43/03
26210	2	36/02	35082	7	22,27/03	37061	15	36,38/02;5/03	37258	4	1,11,22/03
26218	2	31/03	35083	8	20/03	37063	21	36,50/02;4/03	37261	10	1,7,11,20,22/03
26219	5	31/03	35084	15	50/02	37075	3	5,18,43/03	37262	20	1,11/03
26229	11	31/03	35086	5	22/03	37080	3	33,34,38,40,42,44,45,46,51/02;1,4,7,9,14,15,18,20,21/03	37264	3	1,15,22/03
26230	12	31/03	35088	2	50/02	37081	23	38,43,50/02	37265	3	1,7,17,32/03
26240	7	9/03	35099	3	41/02	37082	9	44,50/02;11/03	37281	15	1,15,22/03
26244	3	9/03	35100	14	40,45/02;5,30/03	37084	9	38,40,43/02			
26245	16	51/02;15/03	35101	6	41/02	37085	8	38,40/02			
26259	2	51/02	35103	5	41/02	37086	8	38,50/02;4/03			
26261	27	8/03	35120	13	40,45,47/02;5,30/03	37087	7	38,40/02			
26262	3	8/03	35130	3	48,51/02;5/03	37088	9	5/03			
26282	6	22,23,34/03	35135	1	5/03	37089	12	4,13/03			
26290	1	21/03**	35136	2	48,51/02	37090	8	45,51/02;1,7,9,14,16,22/03			
26295	1	21*,22,34/03	35141	11	34/02						
26300	7	21/03*	35143	7	34/02						
26308	5	21*,22,23,34/03	35144	3	11/03						
26309	26	11/03	35150	3	48/02						
26312	2	21/03	35155	3	25/03						
26316	3	21/03	35163	7	44/02						
26320	5	35/02;7,12,22,23,25,31,40/03	35166	4	35/02						
26323	4	1/03	35167	3	35/02						
26327	2	N41/02*N17/03	35169	2	35/02						
27005	4	6,8,9,22,23,34/03	35200	7	48,51/02;5,25/03						
27040	5	9/03	35236								

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37320	16	38,44/02;9,10,11,P12,15, 17,21,24,36,38/03	43160	6	34,35,36,38,41/03	44062	8	28,40/03	44340	11	37/02;4,6,8,9,15,17,P20, 26,33,37/03
37325	8	34,39,47/02;15,18/03	43161	2	41,44/02;35,41/03	44063	8	17/03	44341	7	37,41/02;7,9,P20,26/03
37326	2	34,47,51/02;15,18,21, 36/03	43163	3	44/02;41/03	44064	19	22,28/03	44342	8	37,41/02;6/03
37328	2	42,44/02;11,15,21,24/03	43164	3	48/02;6,34/03	44065	7	42/02;16,17/03	44352	2	4,6,7,8,12,15,17,19/03
37330	2	34,38,40,46/02;9,13, 14/03	43166	2	43/03	44066	10	39/02;31/03	44360	9	34,37,41,42/02;4,9,10,20, 27,28,30,31,32,37,39/03
37342	3	2,11,15,21/03	43167	5	36,42/03	44067	22	16,17,28/03	44361	6	4,10,15,21,26,27,28, 35/03
37343	10	45/02	43168	2	36,42/03	44068	11	44/02;10,11,13,40/03	44365	1	7,8,26,27,43/03
37344	11	34/02;21,38/03	43180	5	9/03	44069	16	11,13,17,22,23,40/03	44366	1	34,41/02
37360	15	34,43/02;9,10,11,15,17, 21,24,31,36,38,39,43/03	43181	3	43/03	44070	7	28/03	44367	2	35,37,40/02;6,39/03
37362	6	43,48,51/02;1,2,4,17,22, 32,33,38,39/03	43182	4	47,52/02	44071	4	29/03	44400	4	48/02;4,6,7,8,9,12,15,17, 19,23,24,25,27,34,41/03
37363	8	48/02;4,17,32/03	43204	4	36/03	44072	4	40/03	44401	7	10,12,19,24,41/03
37367	1	38,49/02	43223	4	41/02	44075	4	42/02;13,23,40/03	44410	4	4,6,11,12,13,14,15,23,24, 26,27,41/03
37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39,41, 43/03	43225	4	52/02	44076	3	22,28,30,32/03	44420	6	36,49/02;8,9,10,11,12,14, 17,22,25,27,40/03
37400	10	34,38,40,41,44,46/02;6, 10,20,31,34,36,41,43/03	43240	4	50,51/02	44081	9	39/02;9,13/03	44430	2	6,10,11,14,19,24,25, 40/03
37401	9	44/02;4,6,13,14,16,22,31, 36,43/03	43242	4	52/02	44082	11	9,11,24,25,26/03	44444	6	9,12,30,34,35,36,38, 41/03
37402	7	41,42,44,50/02;4,13, 14/03	43243	4	50,51/02	44084	1	6,11,26/03	44461	10	6,10,24,25,26,28,31, 36/03
37403	23	10,41/03	43248	3	9/03	44100	7	44/02;9,11,12,13,22,31, 40,41/03	44462	4	27,39/03
37420	1	34,43/02;1,7,41/03	43263	7	44/02;37/03	44105	2	49/02;5,6,8,24,26,27, 41/03	44463	9	24/03
37421	8	14,21,41/03	43265	2	44,52/02;37/03	44120	7	2,9,10,15,19,20,22,23,24, 27,33,39,40,41/03	44465	2	6,25/03
37427	5	14,21,41/03	43280	5	44/02;37,40/03	44140	8	50/02;1,6,19,21,23,24,26, 31,40/03	44481	2	24,26,31/03
37443	2	38/03	43281	6	27,37/03	44160	7	46/02;1,4,5,6,11,13,14, 15,20,26,31,41/03	51007	22	38/02;7,27,33,40/03
37445	1	48/02;1,34,38/03	43284	4	51/02;40,43/03	44161	2	50/02;1,2,6,10,21,35,39, 41/03	51013	4	38/02;7,21,33,36/03
37446	2	1,34/03	43285	5	44/02	44162	1	50/02;1,24/03	51017	31	37/02;24,40/03
37461	9	51/02;6,20,25,36/03	43287	2	27,37/03	44163	1	48/02	51022	11	37/02
37463	6	1,43/03	43288	5	44,47,50/02	44164	1	46,48/02;1,11,18,22/03	51061	14	1,7,15,17,19,21,22/03
37481	7	47,48/02;6,7,14,30/03	43289	4	44,47,50/02	44165	1	46/02;1,5,6,11,20,22,24, 34,39/03	51062	28	15,17,19,22/03
37501	3	46,47/02;7,8,20,33/03	43300	5	44,47,50/02	44178	2	2,5,7,10,16,26,27/03	51064	2	52/02;1,17/03
37505	2	46/02;7,33,41/03	43302	4	44,47,50/02	44179	2	10,16,35,39/03	51081	10	5,6,13,15,17,21,22/03
37506	4	45,46,47,51/02;8,20, 33/03	43303	4	41,47,50/02;43/03	44180	6	34,45,46/02;1,2,5,7,8,9, 20,26,43/03	51082	7	5,7,13,15,17,21,22/03
38320	3	35/03	43323	4	27/03	44181	5	5,10,13,20,21,27/03	51100	7	1,6,7,8,9,14,27,33,34, 41/03
38528	4	N20/03	43324	4	27/03	44182	4	48,49/02;1,2,15,18,27,42, 43/03	51103	10	33,45/02
38580	8	18/03	43363	5	45/02	44183	6	48/02;1,6,8,9,10,19,20, 25,27,35,39,43/03	51104	1	33,45/02
38585	4	18/03	43364	5	45,46/02	44184	9	45,49/02;2,10,13,20,22, 32/03	51120	6	6/03
41000	2	15/03	43368	5	43/03	44185	7	45,49/02;1,2,10,27,32/03	51135	1	22/03
41060	3	34/02	43371	13	38,43/03	44186	2	45,46,48/02;1,2,5,8,9,10, 15,16,25,27,29/03	51142	2	6,13,15,22,33,40/03
42003		N23/03**	43373	8	45/02;17,20,40,42/03	44187	2	5,6,9,13,25,27,39/03	51143	4	6,40/03
42004	1	N23/03*	43374	1	43/03	44192	1	46,48/02;1,18,23,39, 43/03	51144	3	52/02;1,15/03
42036	2	43/03	43375	7	46/02;6,7,10,12,16,18,23, 42/03	44193	1	1,7,15,18,43/03	51145	2	42/02;13,22/03
42038	2	43/03	43378	2	38/03	44200	9	34,52/02;4,9,12,13,22,27, 37,43/03	51146	3	42,52/02;5,36/03
42160	3	7,38/03	43384	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23,25,26, 27,32/03	44203	1	33,48/02;2,5,15,25/03	51150	1	50,51/02;1,13,15,22,33, 40/03
42301	3	38/03	43385	1	45,48/02;5,11,13,20,23, 24,26,42/03	44204	1	48,52/02;2,4,5,7,12,13, 27/03	51154	3	50,51/02;13,15/03
42560	5	31,38,40/03	44001	2	48,49/02;1,6,7,8,9,11,13, 14,20,23,26/03	44205	2	48,52/02;2,5,7,12,15,19, 22,26,27,29,31,39,43/03	51155	1	50,51/02;1,15,22/03
42580	5	40/03	44015	8	48,49/02;6,7,8,9,10,11, 13,14,24,26,40/03	44206	1	46/02;4,5,13,16,17,19,24, 28,40/03	51156	2	6/03
42600	5	14,30,40/03	44030	7	46/02;4,8,9,13,19/03	44207	1	4,5,17,19,23,28,40,41/03	51159	3	47/02;39/03
42620	5	14,38/03	44036	5	13,16,17,20,23,28,30, 32/03	44220	5	46/02;4,5,13,16,21,40/03	51160	20	48,50,51/02;1,4,5,6,7,14, 15,21,22/03
42640	6	38,40/03	44045	2	48,49/02;1,6,7,8,9,11,13, 14,20,23,26/03	44225	2	48,52/02;5,7,12,15,19, 22,26,27,29,31,39,43/03	51163	4	4,43/03
42660	5	38/03	44046	8	48,49/02;6,7,8,9,10,11,12, 13,14,24,26,40/03	44226	1	49/02;5,20,21,24,42/03	51164	18	38,45,46,50/02;2,4,8, 43/03
42740	5	34,41/02;6,25,31,40/03	44047	22	44/02;10,12,22,24,30,31, 32,40/03	44230	8	49,50/02;4,7,13,14,15,16, 19,21,25,39/03	51165	8	45,50/02;2,4,8,10,14,16, 39/03
42742	3	6,8,30/03	44048	7	44,45,49/02;4,7,9,10,11, 16/03	44243	2	5/03	51166	3	N45/02;N39/03
42760	5	8,19,24,25/03	44049	6	10,13,16/03	44260	7	2,5,6,13,21/03	51167	6	45,50/02;2,4,8,10,16/03
42762	3	N25,N30/03	44050	6	22/03	44221	1	19,21/03	51168	2	45,46,50/02;2,4,8/03
43000	4	9/03	44051	10	22,24/03	44223	1	6,13,21,24/03	51180	5	13,16/03
43015	12	9/03	44052	22	44/02;6,10,13,16,17,20, 22,23,24,28,30,32/03	44224	1	49/02;5,20,21,24,42/03	51200	4	14/03
43030	24	2,9,10,11,12,13,15,17,22, 27,28,30,32/03	44053	5	16,22/03	44240	8	49,50/02;4,7,13,14,15,16, 19,21,25,39/03	51220	8	33/02;18,43/03
43040	6	38/03	44054	7	48/02;1,9,10,13,16,20,23, 28/03	44243	2	5/03	51222	6	51/02;16/03
43058	3	20/03	44055	7	44,45,49/02;4,7,9,10,11, 17,19,20,25,27,28,29, 32/03	44281	2	49/02;12,15,19,21,22, 27/03	51223	2	17,18/03
43059	3	44/02;20/03	44056	6	22/03	44282	1	49,50/02;13,17,19,21, 26/03	51240	2	33/02;43/03
43060	4	44/02;27/03	44057	10	22,24/03	44283	2	50/02;8,21,43/03	51260	4	37,50/02;16,18,28,43/03
43079	2	41/02	44058	8	44/02;1,6,9,10,11,13,	44284	2	41/02;6,42/03	51261	23	5,6,13,15,19,40/03
43082	5	41/02	44059	8	44/02;1,6,9,10,11,13,	44285	1	2,15,40/03	51263	23	49/02;13,17/03
43101	3	46/02	44060	4	44,45,49/02;4,7,9,10,11, 16/03	44286	1	2,27,40/03	51341	23	48/02;6,16,34/03
43102	4	46/02	44061	6	10,13,16/03	44310	5	41,42/02;7,37/03	51342	3	1/03
43104	4	46/02	44062	10	22,24/03	44313	1	41,47/02;36,37,39,40/03	51344	2	5,7,16,18/03
43106	6	44/02	44063	22	44/02;10,12,22,24,30,31, 32,40/03	44319	2	41,42/02;4,6,9,10,P20, 26,27,28/03	51380	5	47/02;42/03
43127	5	20/03	44064	11	5,12,18,22,25,27,31,	44287	1	2,15,40/03	51420	5	42/03
43140	4	41,48,52/02;12,35,38/03	44065	9	40/03	44288	1	2,27,40/03	51440	4	42/03
43141	5	52/02;12/03	44066	9	44,46,50/02;8,14,22,24, 30,31,40/03	44310	5	41,42/02;7,37/03	51500	6	20/03
43142	4	52/02;12/03	44067	21	20,31,32/03	44313	1	41,47/02;36,37,39,40/03	51540	3	22/03
43143	4	12/03	44068								

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
51641	4	32,34,40/03	53110	1	40/02;10,15,17/03	54227	2	50/02	55101	4	7,25,32,34,38,39,42,43/03	
52031	1	6,21/03	53111	3	44/02*	54266	2	13/03	55102	3	4,5,15,25,32,36,43/03	
52039	4	5*,7,8,9,13,14,18,21/03	53120	14	39,42/02;5,6,7,13,17,31,35/03	54279	4	50/02*,2,15/03	55103	2	48/02;1,4,5,7,15,19,20,25,26,27,31,35,36,38,42,43/03	
52040	17	43,50/02;13,16,18,34/03	53122	3	40/02;7,8,16/03	54280	10	5,15,22/03	55104	2	48/02;4,5,7,14,19,31,33,36/03	
52042	6	22/03*	53123	3	7,29/03	54282	1	51/02	55105	7	36,41,42/02;14,15,29,33,36,42,43/03	
52043	21	46/02;6,7/03	53125	2	46,51/02;13/03	54284	1	51/02;15,34/03	55110	2	37/02;6,29,43/03	
52045	6	36/02	53130	1	42,47/02;10,13,18/03	54287	7	5,15/03	55120	2	36/02;6,14,28,33,34,42/03	
52046	21	50/02;6,7,16,18,21/03	53133	4	33/03*	54288	5	1/03	55127	2	10,14,24,27,32,36/03	
52047	11	7,8,34/03	53135	2	51/02;7/03	54289	8	1/03	55128	2	33,36,38/02;1,4,5,8,14,26,27,28,32,34,43/03	
52048	3	8/03	53141	5	34,51,52/02	54302	1	21/03	55129	7	33,36,37/02;6,15,27,34,35,42/03	
52051	1	43/02	53147	3	36,39,42,51/02;6,7,10,13,17,20,35/03	54318	3	1,14/03	55130	2	45/02;5,14,19,32,33,34,39,42/03	
52052	1	43/02	53160	14	51/02;3,6/03	54320	4	48/02;1,24,25/03	55131	1	36,45/02;6,19,25,38,39/03	
52054	1	14/03	53161	8	51/02;3,8,13,18/03	54321	2	25/03	55133	3	5,14,34,36,38/03	
52055	1	14/03	53162	7	50/02*;15/03	54322	7	1/03	55139	5	41/02	
52060	16	43,50,51/02;7,12,P20,26,29,34/03	53164	9	37,51/02	54329	4	5/03	55140	2	1,5,14,29,33,34,35,36,42/03	
52061	2	45,48,51/02;7,12,20,P20,26,29,34/03	53165	13	39/02;8/03	54332	3	25/03	55152	7	33,36,37/02;6,15,27,34,35,42/03	
52062	7	7,12,23,29,34/03	53180	10	33,34,43,51/02;1,3,6,7,13,15,18,20,21,29/03	54334	3	5/03	55153	2	45/02;5,14,19,32,33,34,39,42/03	
52066	3	50/02;14,16/03	53181	4	34/02;1,13,21/03	54335	3	24/03	55157	1	1,5,14,29,33,34,35,36,42/03	
52080	14	50,51/02;4,7,10,11,12,14,20,P20,26/03	53182	4	36/02;15,16/03	54339	8	12/03	55158	2	33/02;1,15,29,33,36,39,42/03	
52082	3	45,46,48/02;11,12,20,P20,26/03	53183	13	35/02;20/03	54340	8	48,51/02;3,4,24/03	55159	2	37/02;15,36/03	
52083	2	45,46,51/02;1,16/03	53184	5	35/02;1,6,13,18,20/03	54341	4	23/03	55160	2	42/02;29,41,42/03	
52084	2	45/02;4,10,11,12,14,18,18/03	53200	6	33,36,43/02;5,6,7,15,16,20,30/03	54343	10	48/02;4,5,11,12,13/03	55161	1	17,41,42/03	
52085	3	50,51/02;4,11,16/03	53201	6	51/02;18,21,38/03	54344	6	48/02;24/03	55170	2	36,41/02	
52086	2	45,50,51/02;1,4,9,11,14,36/03	53202	6	15,17/03	54346	8	11,12,13/03	55180	2	33/02;1,15,29,33,36,39,42/03	
52087	1	51/02	53204	10	44/02;5/03	54347	4	51/02	55190	2	6,20,27,39,40/03	
52088	2	45/02;4,10,11,12,14,18,P20,26/03	53205	3	5,26/03	54350	4	51/02;37/03	55200	2	8,10,20,25,26,27,28,32,33,36,39,42/03	
52092	1	46,51/02;16/03	53206	6	5,25/03	54351	7	52/02;26/03	56031	1	1,2,17,21/03	
52120	12	51/02;6,11,16,18/03	53220	6	36,43,51/02;5,6/03	54352	3	52/02;1,3,33,37/03	56041	4	21/03	
52121	8	45,46/02;1,6,8,11,16,23/03	53226	3	3*,17,18,35/03	54359	2	38/03	56044	3	38/02;2,16/03	
52122	14	45/02;11,14/03	53227	12	52/02;1,13/03	54360	12	52/02;20,21,34/03	56065	3	33,38/02;16,38/03	
52124	1	51/02	53244	2	1/03	54362	3	52/02	56067	3	48/02*,20,38/03	
52125	1	45,46/02;8,11,16,18/03	53262	7	42/02;21/03	54363	3	21/03	56081	19	41/02	
52140	6	48,50/02;3,12,18,29/03	53263	1	37/02;17/03	54365	6	36/02;11,21/03	56082	16	29/03	
52141	5	48/02;41/03	53264	5	17/03	54369	4	52/02;20,21,34/03	56100	14	33/03*	
52142	2	12,18,23,29/03	53265	6	35,41,46,52/02;15,16/03	54380	6	42/02;3,16,18,28,34/03	56101	6	33/02;1/03	
52143	8	18/03	53266	4	1,8,13,17/03	54382	9	16,28,40/03	56102	23	1/03	
52144	5	50/02;3,7,8,10,14,16,18,21,23/03	53268	5	17/03	54386	10	42/02;16,18/03	56103	6	1,33/03	
52161	14	6,11,14/03	53283	4	33,52/02;40/03	54387	7	42/02;16,18,20,30,39,42/03	56104	3	22/03*	
52164	2	14/03	53284	4	33,40/02;7,21,24/03	54389	8	43,52/02	56105	1	38/03*	
52170	3	14,16,42/03	53285	4	35/02;7,15/03	54400	8	43/02;3,16,22,30,36,37/03	56120	12	1/03	
52172	2	40/02;1/03	53287	6	35,42/02;1,5,7,8,10,15,22/03	54402	4	52/02	57000	10	43/03	
52180	14	42,43,51/02;1,8,10,13,15,16/03	53290	1	35/02	54403	4	43,52/02;24,30,36/03	57029	9	12/03	
52200	8	7,17/03	53301	4	22/03	54407	4	43/02;3,7,16,30,37/03	57035	10	10,12,23/03	
52220	7	27/03	53302	4	51/02	54409	2	7,8,12/03	57060	7	43/03	
52221	7	27/03	53303	6	49,51/02	54412	6	47/02;36,41,43/03	57063	5	40,41/02	
52223	4	27/03	53306	2	39/02;31,43/03	54423	5	48/02*;17/03	57064	3	41/02	
52240	9	27/03	53311	3	39/02;37/03	54430	1	37,43/02;36,43/03	57101	18	41/02	
53011	2	51/02	53404	3	37/02;6,10,20/03	54440	4	41/02;17,38/03	57103	2	16/03	
53031	1	39,48/02;5,12,14,24,31/03	534041	7	35/02;4,8,16,17,24/03	54441	1	30/03*	57120	13	43/02	
53058	2	4,37/03	53405	5	37/02;16/03	54446	5	17/03	57140	10	43/02	
53060	14	51/02;4,5,9,10,12,14,31,36,39/03	534061	11	52/02;42/03	54448	8	36,41/02;2,17,21/03	57141	14	43/02	
53061	10	44,47/02;12,16,17,38/03	534081	3	10/03	54450	3	37/02;4,8,16,17,24/03	57142	6	43/02	
53062	13	1,14,16/03	534085	2	40/02;15,24,42/03	54452	5	17/03	57160	10	43/02	
53063	9	33*,37/03	534090	3	46/02*;11,15,19/03	54454	6	42/02;16,20,21,35,36,39,41,42/03	57162	7	43/02	
53064	6	33/02;10,20,39/03	534095	3	46/02*;8,15,30,42/03	54456	7	21,43/03	57164	2	43/02	
53065	2	33/02;39/03	534105	3	46/02*;8,13,17,19/03	54457	1	42/02;17,35,37/03	57165	1	43/02	
53066	2	33/02;20,39/03	534115	3	46/02*;15,30/03	54458	2	37,39,42/02;37/03	57170	1	43/02	
53081	8	4,5,11,16/03	534120	5	37,39,41/02;15,17,19/03	54459	5	41,43/02;16,42/03	57200	6	11/03	
53082	13	40/02	534125	3	46/02*;17,13,30/03	54464	2	41/02;39/03	57220	4	11/03	
53083	8	9,10,21,22,41/03	534140	7	41/02;15,30/03	54465	2	41/02;39/03	57241	12	31/03	
53084	6	51/02;14,16/03	534151	1	3,42/03	54466	3	35,37,41,48/02;18,19,20/03	57242	8	41/03	
53085	6	51/02;14,16/03	534161	12	10,20,21/03	54467	2	20/03	57245	1	41/03	
53086	8	46,48/02;17/03	534165	2	33,37/02;38/03	54468	8	41/03	57260	3	23/03	
53087	9	48/02;17/03	534166	3	10/03	54469	12	36,37,39,41,48/02;20/03	57261	2	23/03	
53088	7	33/02	534167	2	20/03	54470	55049	6	41,43/02	57262	4	23/03
53089	4	21,22,23,41/03	534168	1	37/02;10,17,38/03	54471	8	41/03	57270	12	52/02;15,16,23/03	
53090	1	41/02	534169	3	37/02;17,38/03	54472	55051	1	28/03	57400	4	12/03
53093	2	41/03	534180	6	41,43,50/02;5,30,42/03	54473	55052	5	28,33/03	57408	2	12,24/03
53100	16	33,39,42,51/02;6,10,13,18,20,21,24,31/03	534195	2	5/03	54474	55063	1	6/03	57420	3	12/03
53101	7	33/02;8,13,16,24/03	534200	4	5,8/03	54475	55064	3	37,48/02;6/03	57460	4	10,12,29/03
53104	2	35,42/02;20,24/03	534222	4	43/02;20/03	54476	55082	9	5,25,32/03	57471	3	12,15/03
53105	20	37/02;8/03	534223	2	8/03	54477	55084	7	39/02;39/03	57472	2	12/03
53106	6	21,33/03	534224	2	8/03	54478	55085	9	5,31,33,36,39/03	57480	8	12,15,23,27/03
53107	16	35/02;6/03	534226	2	50/02	54479	55100	8	36,37/02;6,28,29,33,34,39,43/03	57482	12	24/03
						54480	55100	39,43/03	57483	11	24/03	

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
57484	19	15,23,24,27/03	62360	5	38/02;12/03	63121	5	48/02;5,8/03	71330	13	35/02;5,33,38/03
57488	6	24/03	62361	2	N38/02;N12/03	63200	5	52/02;30/03	71331	11	5,7,8,33,38/03
61000	20	10,15,23,27,31/03	62366	4	33/03/*	63201	9	40/02;30/03	71333	2	6,7,33/03
61020	2	27/03	62391	5	33/03/*	63205	2	30/03	71335	2	8,38/03
61036	8	7/03	62393	7	34,37,50/02	63210	3	45,52/02;16,30/03	71340	11	40,46/02;2,4,5,6,7,33/03
61040	6	10,31/03	62394	10	34,37,50/02	63220	5	45,52/02	71343	3	7/03
61050	4	10,15,31/03	62395	3	25/03/*	63230	6	45/02	71348	3	35/02;7,23/03
61051	7	15,24/03	62400	17	33/02;4,9,31/03	63231	8	45/02	71349	2	23/03
61060	5	12,27,39/03	62401	9	6,10,41/03	63232	3	45/02	71350	8	5,6,7,14/03
61061	9	10,12,15,24/03	62402	10	10/03/*	63240	4	19/03	71400	5	14,23/03
61070	4	9,39/03	62404	3	6/03	63250	6	40/02;11/03	71401	1	40,46,51/02;5/03
61071	9	18,39/03	62405	8	43/03	63252	1	33/03	71402	1	40,46/02;4,5,6,33/03
61080	4	9/03	62406	2	33/02;28/03	63271	8	52/02;8/03	71410	1	39/02;12,23/03
61090	5	12,27/03	62408	7	10/03	63290	7	38/02;10,22/03	71420	1	38,39/02;3,12,14,23/03
61091	5	12,18,24,27,35/03	62409	6	7/03	63291	9	33/02;16/03	71430	3	11*,20,23/03
61092	13	18,27,35,39/03	62411	1	52/02	63310	5	11/03	71440	2	11*,23/03
61100	4	10,12/03	62413	12	28/03/*	63320	8	37/03	71445	1	7/03
61110	3	25/03	62417	1	52/02	63321	6	42/02;9,37/03	71450	1	7/03
61111	12	25,27,34/03	62419	6	33/02;8/03	63322	2	9/03	71455	2	11*,23/03
61112	10	35/03	62420	5	33,37,39/02;8/03	63330	9	39/02;4/03	71460	1	41/02;23/03
61141	6	38/02;35/03	62429	9	39,43/02	63337	15	39/02;4/03	71470	2	38/02;14/03
61142	6	38/02;7,35,39/03	62431	8	37/02	63370	1	20/03	72000	8	35,47,50/02;2,20,21,23, 24,27/03
61180	4	38/03	62432	16	13*,30/03	63400	1	39/02;8,11/03	72007	10	36,38,47,51/02;2,5,7,11, 27/03
61190	4	39,41/02	62433	12	34,45/02;1/03	63410	6	39/02;8,9/03	72014	10	46/02;7,19/03
61204	5	13/03	62434	9	40,46,52/02;8,12,17,18, 21,23,43/03	63413	5	39/02	72021	8	36,38,47,50,51/02;7,20, 23,27/03
61310	2	33/02;7/03	62437	10	30*,32,35,37/03	63420	2	39,45/02;8/03	72028	7	34/02;22/03
61311	5	33/02	62439	4	1/03	63424	2	45/02	72035	8	8,21,27/03
61312	3	33/02	62440	8	16*,41/03	71005	1	34/02;2,6,12,13,16,23/03	72045	2	8,27/03
61331	4	7/03	62441	10	36/02	71006	5	39/02;23/03	72050	4	23/03
61400	2	7/03	62442	6	24/03	71009	3	39,46,48/02;1,6,7/03	72060	8	50/02
61410	2	7/03	62446	3	43/03	71012	3	33,39,46/02;1/03	72070	4	2,9/03
61430	2	7/03	62453	4	16/03/*	71015	4	23/03	72075	2	9/03
61433	1	7/03	62455	7	39,43/02	71018	10	33,35,37/02;7,12,13,15, 21,25,26,27/03	72080	7	51/02;2,9/03
61434	2	7/03	62457	6	11/03/*	71027	9	34,38,45,49/02;2,4,5,14, 18,23,33/03	72085	3	15/03*
61541	8	41/03	62459	2	6,41/03	71033	31	37,38,49/02;3,12,14,15, 23/03	72094	2	38/02;7/03
61542	6	41/03	62460	4	33/02;10/03	71036	8	35,44/02;12,14,23,26/03	72100	7	7,19/03
61560	2	7/03	62464	2	49,50/02;4/03	71040	5	34,42/02;7/03	72103	2	4,6,7,19/03
61562	2	6/03	62480	2	16*,18,32,41/03	71042	1	34/02	72105	2	36,38/02;7,11,19/03
61581	5	28/03	62490	2	16*,17,18,21,32/03	71045	2	23/03	72107	2	7,19/03
61582	4	28/03	62498	4	9,43,1/03	71058	2	36/02	72109	3	42,44/02
61591	4	28/03	62499	4	49,50/02;4,9,31/03	71059	1	36/02	72130	4	46/02
61610	7	34/03	62510	3	11*,12/03	71061	15	36/02	72131	3	11/03
61611	11	34/03	62512	3	N11*,N12/03	71066	1	39/02;6,7,10,24/03	72161	10	10/03
61612	4	34/03	62515	2	45/02	71081	3	21/03	72181	2	36/02;7,11/03
61650	3	12/03	62520	6	20*,28,32,41/03	71091	4	1,2/03	72190	2	10/03
62000	20	46/02	62521	4	N20*,N28,N32,N41/03	71140	6	33,39,46/02;1/03	72201	8/03	
62001	5	11*,28/03	62530	6	20*,28,32/03	71180	29	33,37/02;7,12,13,15,21, 23/03	72211	6	43/02;5,8/03
62024	13	38,40/02;29/03	62531	4	N20*,N28,N32/03	71185	24	7,13,15/03	72223	8	27/03
62028	15	10/03	62540	6	34,40,45,48,50,52/02;8, 12,17,18,21,30,35,43/03	71210	18	44/02;3,23,27/03	72231	8	21/03
62032	16	11*,17,21,41/03	62541	3	N11*,N17,N21,N41/03	71211	4	38/02	72234	2	18,19/03
62033	3	N11*,N17,N21,N41/03	62545	3	N52/02;N8,N12,N17, N18,N21,N30,N35,N43/03	71212	1	38/02	72236	1	9,12/03
62046	3	19/03/*	62550	3	16*,28,32/03	71230	11	38/02;6/03	73000	9	40,52/02;10,20,21/03
62050	6	44/02	62560	4	16*,18/03	71240	10	6,12,16,20/03	73002	4	5,11/03
62092	7	41/02	62570	4	33,34,36,40,45,48/02;8, 12,17,18,30,35,37,43/03	71243	5	15/03/*	73004	4	10/03
62093	7	41,49/02	62580	3	33,45/02;12,35/03	71247	18	5,6,8,14,17,21,22/03	73008	8	11,13,23/03
62095	3	11*,32/03	62590	2	36,40,46,48/02;8,12,17, 18,21,23,30,37,43/03	71248	2	N51/02*;N1/03	73012	6	11/03/*
62097	6	38/03/*	62591	3	N36,N46,N48/02;N8, N12,N17,N18,N21,N23, N30,N37,N43/03	71251	11	35,40/02;1,15,21/03	73014	10	48,52/02
62098	7	33/03/*	63000	13	48/02;40/03	71253	10	35,40,42/02;5,6,7,13,14, 16,17,21/03	73016	4	44/02
62100	6	P23,26/03	63005	18	16/03	71255	6	28/03/*	73020	9	9,21,22/03
62110	9	P23,26/03	63010	14	52/02	71257	2	5,6,7,12,13,16/03	73024	3	39/02
62140	1	34,40/02	63055	2	39/03	71258	2	35/02;5,6,7,13,22/03	73030	4	22/03
62142	10	32/03	63062	7	7,16,18,37/03	71259	3	15*,17,19/03	73032	4	9,22/03
62143	3	32/03	63063	9	20/03	71261	8	35/02,2,16/03	73041	2	5/03
62170	2	38/02	63070	3	16/03	71262	7	6,33/03	73191	3	7/03
62171	4	38,47/02	63080	5	48/02	71265	3	46*,49/02;7,13,15,16, 20/03	73271	7	13/03
62191	15	11*,15,28/03	63090	8	15,30,40/03	71271	10	34,52/02;19/03	73552	4	34,45/02;1,7,9,10,38/03
62194	8	36/02;4/03	63091	4	39,48,52/02;9/03	71272	10	34/02;19/03	73570	7	34,45/02;1,10/03
62195	7	19/03/*	63095	4	39/03	71275	3	35/02,2,6,16,19,33/03	73580	4	52/02;43/03
62220	9	21/03/*	63096	9	20/03	71281	7	51/02;34/03	73581	4	52/02;3,43/03
62222	5	19/03/*	63097	2	46/02	71285	3	34,52/02;13,19/03	73590	6	47,52/02;36,43/03
62225	3	37/02;17/03	63098	5	48/02	71295	2	34,39,40,52/02;12,19/03	73601	3	34,35,47/02;43/03
62241	10	9/03	63099	4	39/03	71305	2	34,36/02;2,13,23/03	73631	4	36,46/02;1,17,40/03
62242	11	47/02;9/03	63101	15	15,30,40/03	71311	4	7/03	73640	5	36/02;16,40/03
62250	4	34,38/02;32/03	63102	7	7,16,18,37/03	71313	8	45/02	73650	5	40/03
62270	4	37,41/02;29,32/03	63103	9	20/03	71314	5	6,10/03	73653	1	40/03
62271	5	37,41/02;10/03	63107	3	16/03	71315	2	34/02	74000	6	36,47/02;2,7,18,41/03
62290	3	37,41/02;10,21,P23,	63108	5	48/02	71316	7	51/02;34/03	74002	2	35,47/02;31/03
62295	3	26/03	63109	4	39,48,52/02;9/03	71317	2	34,39,40,52/02;12,19/03	74003	5	47/02;7,10,31,34/03
62302	2	4/03	63110	2	44/02;30/03	71318	4	7/03	74004	2	35,37,39,47/02;9,30/03
62310	2	29/03	63111	15	15,30,40/03	71319	8	45/02	74005	2	34,35,46,47,51/02;4,7,9, 16,27,30,38/03
62330	2	38,40/02	63112	19	15,30,40/03	71320	1	35/02;5,14,33,38/03	74007	1	36/02
62340	3	38/02	63113	17	15,16/03	71325	8	5/03	74008	6	51/0

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74012	10	37,40,49/02;6,8,19,20,27, 36,37/03	74394	2	41,49,50/02;3,39/03	75240	4	36,39/02;2,4,27,39/03	91294	8	19/03
74015	10	40/02;21,31,36/03	74410	3	38/02;7/03	75241	6	34,36/02;26,35/03	91297	9	19/03
74016	3	27,42/03	74415	1	39/02	75251	5	33,48/02;3,19,37,40/03	91331	3	42/03
74017	4	37,45/02;18,31,38/03	74420	3	45/02;19,27,30/03	75261	6	33,36,48/02;3,6,26,31, 38/03	91340	3	42/03
74018	6	44/02	74430	2	49/02	75262	6	38/02;16/03	92006	5	45,46/02;5/03
74020	4	33,37,38,43/02;5,18,31, 38/03	74440	3	39/02;2/03	75263	9	5,26,31/03	92025	3	42/03
74021	7	33,35,39,44/02;7,10,26, 31,35/03	74450	3	49/02;2,37/03	75264	17	33,34,37,41,42,44,45/02; 2,27,32/03	92030	4	42/03
74024	7	44/02;36/03	74455	3	48/02;1,4,38/03	75265	2	6,20,31,32,38,40/03	92033	5	45/02
74027	9	43,44/02;39/03	74460	4	37,40,46,49/02;6,20, 37/03	75266	7	6,20,31,32,38,40/03	92150	3	43/03
74030	6	51/02;42/03	74465	2	9,36,38/03	76015	1	35,40/02;28/03	92160	3	43/03
74051	2	42/03	74470	2	8/03	76030	9	49/02	92170	3	43/03
74053	2	51/02	74475	2	44/02;42/03	76050	8	49/02;18,28/03	92290	2	19/03
74151	9	36,44/02;2,20,29,40, 41/03	74480	2	44/02	76052	8	4,5,28/03	92296	3	19/03
74152	11	36,44/02;27,30,34/03	74485	3	43/02	76054	5	49/02	92410	3	42/03
74153	2	36,44/02;2,27,41/03	74493	3	38,43,45/02	76056	3	9,37/03	92450	3	42/03
74162	4	36,46,47/02;8/03	74494	2	41/02;8,9,16/03	76060	7	40/02	92560	4	45/02
74171	4	33,36,47/02;3,10,18,20, 40/03	74510	2	33,35,37/02;5,10,17,18, 35,38/03	76061	3	40/02;9/03	93006	2	39,45/02;4,8,10,43/03
74172	5	36,47/02;7,10,18,40/03	74515	4	33,35,39/02;4,7,10,31, 35/03	76070	9	35/02;28/03	93010	6	38,40,41/02;2,13,14,18, 24/03
74181	8	33,35,37,38,39,47/02;10, 34/03	74521	3	39,41/02;4,31/03	76071	9	35/02;28/03	93018	8	1,14,18,24/03
74182	12	33,35,37,38,39,41,42,44, 51/02;6,10,17,25,34,38, 39,40,41,42/03	74525	3	41/02	76080	8	1,18/03	93020	2	38/02;4,13/03
74183	11	38,39,42/02;4,6,17,25, 38/03	74530	2	44/02;36/03	76081	7	28,37/03	93025	5	45/02
74184	10	33,35,37,38,46,48/02;17, 34/03	74535	2	42,44,48/02;36,38/03	76083	3	1,37/03	93030	6	45/02
74186	7	34/02;4,10,17,21,27,30, 36/03	74545	3	40/02;18,32/03	76141	8	46/02;28,37/03	93032	3	45/02;24/03
74190	7	35,36,37,46/02;1,16,31, 34,39/03	74550	4	5,32/03	76142	1	46/02;37/03	93043	1	45/02
74191	2	35,46,48/02;1,7,9,29/03	74555	3	34,43,44,48,51/02;5/03	76144	1	28/03	93046	1	45/02;5/03
74192	3	35,46/02;1,40/03	74560	10	40,43,46,48,50/02;4,5,18, 31,32/03	76146	1	28/03	93047	2	45,49/02;24/03
74200	8	37,46/02;1,8,32,40/03	74561	2	5/03	76150	6	35/02	93048	1	35,49/02;5,14,33/03
74201	9	32/03	74581	9	34,36,40,41,43,45/02;27, 31,39/03	76160	4	28/03	93049	1	45/02;4/03
74202	3	17,27/03	74582	9	40/02;17,20,27,31,39/03	76161	10	40/02	93061	4	45/02
74204	5	37/02;1,7,8,32,40/03	74583	15	34,40,43,44,48/02;38/03	76162	1	18,28/03	93101	2	N34,N38/02;N2/03
74205	2	27,32,35/03	74584	5	34,41,43,45/02;26,27,36, 38,39/03	76170	7	28/03	93110	2	38,40,41/02;1,2/03
74206	2	34/02;27,32,35/03	74590	2	51/02	76180	1	28/03	93115	2	40,41/02
74210	7	7,17,37/03	74591	7	40/02;8,38/03	81004	3	37*/43/03	93117	2	40,41/02
74220	8	35,47,51/02;30,37/03	74595	2	42/03	81048	8	28,43/03	93160	4	34/02;1,14,24/03
74221	2	35,51/02;30,38/03	75000	3	47/02;5,6,31,32/03	81054	13	14*,27,28/03	93180	7	34/02
74229	2	33,37,43,47/02;18,26/03	75010	7	41,42,50/02	81060	2	43/03	93220	6	34/02
74230	7	39,42/02;5,7,36/03	75025	9	36,39/02;2,4,8,25,27,36, 38,39/03	81067	5	51/02;10,12,16,25/03	93240	11	34/02;16,24/03
74231	7	35/02;3,21,36/03	75035	18	36,39/02;2,6,26,27/03	81076	10	41/03*	93245	6	16,24/03
74232	9	5,7,21/03	75051	6	5/03	81092	3	38*,50/02;32/03	93260	8	7,18/03
74234	1	8,17/03	75055	3	47/02;6,31/03	81711	6	31/03	93261	5	7/03
74240	8	34,39,42/02;4,5,7,8,9, 41/03	75059	2	42/02	81715	4	31/03	93280	4	18/03
74251	8	34,37,42,44,46,51/02;6,9, 17,21/03	75130	16	34,41,50,51/02;5,7,8,16, 19,25,26,37/03	82005	5	17,39/03	93360	5	38/02
74252	9	47/02;5,7,9/03	75131	7	17,39/03	82010	6	17,39/03	93520	13	45/02;15/03
74253	6	47/02;8,9,16,20,21,30/03	75132	11	17,19,25,29,32,35/03	82015	13	39/03	93610	3	44,45/02;6/03
74261	9	41,49/02;4,10,30,39/03	75133	3	33,51/02;5,19,29,37/03	82020	7	39/03	93650	2	44/02;6,24,28/03
74265	2	38,41,43,47,49/02;7,9,16, 21,30/03	75142	5	36,42,50/02;35/03	82192	6	43/03	93652	2	3,6,24/03
74270	3	38/02;7,8/03	75143	4	33,36,38,42,50/02	82200	2	17,41/03	93680	3	45,47/02;24/03
74271	9	38,46/02;19,26,27,29,30, 38/03	75144	3	33,36,42,51/02;4,0,18, 25,30,38/03	82210	2	42,48/02	93690	2	44/02;6/03
74272	7	4,19,29,30/03	75150	5	50/02;16,19,26/03	82215	2	41/03	93698	3	45/02;28/03
74273	5	38,41,43/02;7,19,27/03	75156	6	17,18,19,25,32/03	82224	5	35,48,50/02;20,39/03	93710	3	6,15,43/03
74281	7	3,30/03	75170	12	38,39/02;8,25,38/03	82233	7	35,48,50/02;20,39/03	93720	10	39,45,50/02;8,15,17,20, 24,28,42,43/03
74283	2	46,49/02;27/03	75171	22	33,36,38,40,42,48,52/02; 1,6,16,26,35,38,40/03	82253	7	35,48,50/02;20,39/03	93721	5	39,42,45,50/02;4,11,17, 20,23,25,40,41,43/03
74285	2	34,35,45/02;1,9,16,38/03	75176	9	42,50/02;25,26,32,40/03	82280	N39/03		93725	6	45/02;24/03
74286	2	29,35/03	75177	7	38,48,50,52/02;6,26, 38/03	82646	2	33/02	93726	4	48/02;8,12,17/03
74287	2	34,38,52/02;9/03	75178	2	8,25,38/03	82684	3	33,38/02;7/03	93730	3	39,40,42,45,47,50/02;2,4, 17,24,28,31,41,42,43/03
74289	5	9/03	75180	2	47/02;8,36/03	82689	3	38/02;17/03	93733	13	39,45/02;4,19,20,25,40, 41/03
74290	11	34,39,45,46,48,49,51/02; 1,7,9,10,16,27,30,38/03	75185	2	47/02;25,36/03	82694	6	38/02;17/03	93734	11	45/02;4,19,20,25,40,40/03
74292	8	34,38/02;9,27/03	75190	6	37,38,43,47/02;8,19,30, 34,36,38/03	83020	8	24/03	93736	22	41/02;4,20,25,40,41/03
74293	7	34,45,48/02;9,16/03	75191	6	49/02;1,5,7,10,16,19, 35/03	83021	1	43/02	93778	8	47/02;7/03
74294	3	4,9,27,29,35/03	75193	6	49/02;1,5,7,10,16,19, 35/03	83023	4	43/02	94004	6	33,37,44,52/02;8,9,10,12, 17,18,42/03
74296	4	34,38,49/02;9,27/03	75207	2	36,52/02;4,16,33,37, 43/03	83025	1	12/03	94016	2	33,35,52/02;3,9,10,14,17, 21,33/03
74320	3	35/02;8,18,41,43/03	75208	2	50/02;30,33/03	83026	32	41/02;6/03	94028	7	40,42,52/02;1,6,7,8,9,11, 14,17,21,24,27,31,33,40/03
74340	3	16/03	75213	2	36,52/02;33,38/03	83039	11	41/02;6/03	94033	5	19,21,23,29,42,43/03
74350	4	16/03	75215	2	36,39,40,52/02;7,33, 38/03	83251	2	2,12/03	94040	13	37,47,51/02;6,8,10,17,18, 28,31,43/03
74376	5	43/02;9,16/03	75220	12	36,39,49/02;4,20,26, 39/03	83252	8	2,12/03	94042	9	47,51/02;7,18,24,43/03
74380	4	8,9,26/03	75222	8	35,40/02	83253	2	12/03	94060	10	33,37,46,47/02;7,8,10,12, 14,15,18,24,31,42/03
74381	3	26/03				83397	6	1/03	94061	5	33,35,47,54/02;3,9,10,12, 14,15,18,24,31,42/03
74391	7	39/02;25/03				83425	6	35/02	94063	4	33,41/02;8,18/03
74392	7	39/02;25/03				83473	7	37/03	94067	10	33/02;10,11/03
74393	9	38,41,45,46,48,49,51/02;				83484	10	23,42/03	94080	7	33,44,48/02;10,19,22, 32/03
		3,39/03				83574	2	7/03	94082	8	44/02;8,19,22/03
		3,39/03				83580	2	8/03	94083	12	44/02

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
94120	6	33,38,48,52/02;9,10,17, 18,21/03	95120	7	42,43,52/02;1,4,14,21, 26/03	96041	11	39/03	97159	6	33,39/02;7,14,16/03
94122	7	40/02;35/03	95138	8	45,46,48,49,50,52/02;8, 16,17,19,23,24,25,27,28, 30,35,36/03	96042	11	10,21,39,40/03	97163	14	14,36/03
94123	9	33,38,42,44,52/02;9,10, 15,17,18,28/03	95140	15	38,40,41,44,48,49,52/02; 1,7,8,9,10,17,21,24,25, 27,29,33,35,37/03	96044	10	23,38/03	97164	1	7,14,16/03
94124	13	38,42,44/02;10,15,17,25, 28/03	95141	8	45,47,50,52/02;1,6,7,8, 17,19,21,23,25,29,37/03	96120	6	21/03	97165	1	7,16/03
94127	2	33,38/02;6,9,13,16,18/03	95142	9	50,52/02;8,10,19,23, 29/03	96379	1	10/03	97166	1	33/02;21/03
94160	7	33,38,44,46,47,50,51, 52/02;9,10,12,16,17,18, 19,28,31,41,42/03	95143	11	40,45,47,48,49,50/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96381	2	10/03	97167	2	33/02;21/03
94164	2	46,50,51/02;12,16,19,41, 42,43/03	95144	9	38,41,46,48,50,52/02;1,6, 8,9,10,11,13,16,21,23,24, 35,37/03	96382	2	10,12,21/03	97180	6	34,39,43,45,46,48/02;4,8, 13,20,22,26/03
94165	4	50/02;18,24,43/03	95145	8	45,47,50,52/02;1,6,7,8, 17,19,21,23,25,29,37/03	96400	4	12/03	97181	20	34,46,48/02;1,4,7,8,12, 13,14,17,18,20,22,23,26, 27,35/03
94180	9	42,44,47,50,51/02;23, 28/03	95146	14	36,38,39,40,41,44,46,47, 48,50,52/02;1,8,9,16,21, 23,24,31,32,35,37/03	96441	1	41/02;10/03	97182	13	34,39,46,48/02;1,4,5,6,7, 8,12,14,17,18,20,21,22, 23,27,35/03
94184	2	N51/02	95147	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23,25,28, 29,31,32,35,36/03	96480	3	41/02	97183	9	44/02;5,9,14,16,18,22,26, 43/03
94187	3	14,23,36/03	95148	11	40,45,47,48,49,50/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96500	6	41/02;10,39/03	97184	15	47/02;1,7,12,14,18,22, 39/03
94188	2	44,46,47,51/02;8,28/03	95149	9	34,36,37,38,41,43,48,49, 52/02;8,9,19,24,25,27,30, 32,35/03	96520	7	10/03	97185	2	43/02;1,7/03
94201	1	51/02;24,28/03	95150	14	36,38,39,40,41,44,46,47, 48,50,52/02;1,8,9,16,21, 23,24,31,32,35,37/03	96521	3	21/03	97187	3	44,48/02;9,18/03
94203	10	41,42,44,46,47,52/02;10, 11,24,41,42/03	95151	17	34,36,37,38,40,41,47,50/02; 1,5,19,23,28,29,30,37/03	96540	5	10/03	97188	2	1,7,13,17,20,22,27,35/03
94206	3	41,42,44,47,52/02;11, 19/03	95152	5	37,38/02;6,9,19,28,30,31, 32,35/03	96560	5	10/03	97189	2	44/02;9,14,18,22,39, 43/03
94207	5	N42,N44,N47,N52/02; N11,N19/03	95153	2	34,36,37,38,43/02;19,25, 32/03	96580	3	10/03	97190	2	34,39,52/02;8,13/03
94208	6	N44/02	95154	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23,25,28, 29,31,32,35,36/03	96600	3	10,38/03	97200	9	52/02;8,16,17,22,25,26, 29/03
94216	6	45/02;10,17,42/03	95155	17	34,36,37,38,40,41,47,50/02; 1,5,19,23,28,29,30,37/03	96620	3	38/03	97201	7	18,28/03
94217	4	6/03	95156	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23,25,28, 29,31,32,35,36/03	96621	5	10,38/03	97202	15	43,44,52/02;20,25/03
94218	3	36/02;6,18/03	95157	5	37,38/02;6,9,19,28,30,31, 32,35/03	96640	3	34/03*	97204	9	45,52/02;4,6,10,19,20,25, 33,43/03
94219	1	47/02	95158	2	34,36,37,38,43/02;19,25, 32/03	96660	4	36/03	97205	3	18,28/03
94220	4	41,42,47,49/02;8,10,11, 17,18,33,42/03	95159	17	34,36,37,38,40,41,47,50/02; 1,5,19,23,28,29,30,37/03	96670	4	35/45/02	97206	2	23/03
94260	5	49/02;1,6,11,31/03	95160	13	41,42,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03	96690	2	45/02/21,10/03	97207	12	41/02;6,33/03
94280	5	51/02;15,32/03	95161	16	40,45,48,50/02;1,5,6,8,9, 10,17,19,23,25,27,30, 37/03	96710	1	10/03	97209	4	6,9,13,20,23,25/03
94281	6	6,42/03	95162	2	40,44,47/02;10,14,19,30, 35/03	96730	3	17,40/03	97210	3	37,39,42,43,44/02;6,8,9, 17,18,23,29,33/03
94282	9	46/02;8,03	95163	2	1,6,9,10,13,14,17,21/03	96747	15	6,12,13/03	97221	20	37,39,42,44,45,49,52/02; 6,8,9,10,13,17,18,19,20, 22,23,25,26,29,33/03
94283	7	46/02;8,12,32/03	95164	4	43,48/02;1,6,9,27/03	96760	8	21,22/03	97222	12	47/02;10,22,29/03
94290	2	1,7,31/03	95165	10	44/02;1,6,9,11,14,17, 21/03	96764	3	34/03*	97223	3	42,44,48/02;16,17,22, 23/03
94322	14	8/03	95166	2	44,50,52/02;11,16,23/03	96765	4	35/02;1,9,22,33/03	97224	6	46,47,49/02
94360	6	43/02;6,13/03	95167	1	16,9,21,37/03	96766	2	14,20/03	97225	31	37,39,42,44,45,49,52/02; 10,17,18,19,23,25,33/03
94361	13	13,15/03	95168	11	40,44,47,52/02;1,6,9,10, 11,23/03	96767	2	14,20/03	97226	7	18,41/03
94363	4	43/02;16,18,29/03	95169	2	1,6,9,10,13,14,17,21/03	96768	7	40/03	97227	11	42,43/02;9,18,30,34/03
94380	4	N5,N6,N18/03	95170	10	44/02;1,6,9,11,14,17, 21/03	96769	3	40/03	97228	15	39,40,42,43/02;5,6,9,15, 17,18,20,21,22,27,29, 35/03
94384	3	5/03	95171	1	41,50/02;9/03	96770	5	46/02;16,34/03	97229	12	36,39,47/02;6,8,9,18,28, 33/03
94420	3	39/02;4,8,11,13,14,23, 42/03	95172	1	1,6,9,21,37/03	96771	5	6,14,33/03	97230	18	36,52/02;6,9,28,33/03
94421	10	45/02;4/03	95173	1	1,9,21,32/03	96772	5	16,22,26/03	97231	11	41/02;6,23,33/03
94423	12	45/02;11/03	95174	1	50,52/02;1,28/03	96773	8	46/02;12,14,22,26/03	97232	8	22,25,33/03
94440	2	46/02;18/03	95175	1	50,52/02;12,27/03	96774	3	52/02	97233	11	33,43,44,49/02;1,5,6,9, 15,16,23,33,35/03
95016	8	40/02	95176	2	8,11,30,35/03	96775	12	44/02;6,10,22,26,34, 35/03	97234	17	43,47,49/02;1,6,8,9,16, 41/03
95040	8	40/02;11/03	95177	1	41,50/02;9/03	96776	2	12,25,26/03	97236	20	47/02;9,16,23,35,41/03
95041	7	23/03	95178	11	40,44,47,49/02;1,6,9,10, 11,23/03	96777	5	46/02;16,34/03	97237	6	41/03
95060	13	40,43,44,47,48,52/02;1,6, 11,14,17,19,21,23,29,31, 33/03	95179	2	40,44,49/02;10,35/03	96778	3	29,34,35/03	97239	10	33/02;1,5,9,16,23/03
95065	5	48/02;10,31/03	95180	6	23/03	96779	4	42,47/02;16,17,26/03	97241	6	10/03
95066	11	41,43,44,47,48,49,50/02; 1,5,6,17,19,21,23,25,27, 31,32,33,37/03	95181	2	44/02;1,7,13/03	96780	4	7,41/03	97243	8	33,48/02;1,5,6,21,27, 33/03
95067	13	41,44,46/02;1,5,10,17,23, 28,37/03	95182	7	48/02;1,5,9,16,23,28, 36/03	96781	3	41/03	97244	5	9/03
95068	1	41,42,45,47/02;12,14,17, 25,28,29,37/03	95183	13	41,46/02;1,6,9,27,36/03	96782	5	46/02;18,3,20/03	97245	11	36/02;1,5,9,29/03
95080	13	33,40,44,45,50,52/02;1,6, 7,9,10,14,17,19,21,24,25, 27,28,30,31,32/03	95184	5	13,20,23,26,36/03	96783	11	43,45/02;9,13,20,25, 26/03	97246	7	43,52/02;5/03
95082	9	33,44,46/02;1,4,7,11,17, 25,27,28,30/3	95185	16	39,48/02;6,9,13/03	96784	14	44*,46/02;7,8,9,13,20, 39/03	97251	4	6,10,17,36/03
95083	8	33/02;1,4,19,28/03	95186	4	48/02;25/03	96785	1	43/02;8,9,25,40/03	97261	15	41/02;1,5,7,18,21,26/03
95084	7	50,52/02;8,12,17/03	95187	3	48/02;23,28,36,43/03	96786	10	44/02*,15,39/03	97262	10	34/02;1,5,6,7,15,21,26, 33/03
95085	4	45,52/02;1,6,11,12,27, 33/03	95188	9	48/02;8,20,26/03	96787	9	45/02;9,27/03	97263	10	5,7,9,15,18,21/03
95086	5	45,52/02;1,6,8,11,12,23, 27,31,33/03	95189	15	7,10,14,36/03	96788	20	34,35,44,45/02;1,16, 25/03	97266	5	37,41/02;1,5,6,7,14,15, 18,26,42/03
95087	3	33,40,48/02;1,8,30,31/03	95190	7	46,52/02;4,6,9,19,20,22, 23/03	96789	13	34,39,43,44/02;20,27, 42/03	97267	16	40,41/02;1,5,6,8,10,13, 18,26,27,42/03
95100	12	38,39,43,44,45,46,47,50, 52/02;1,4,6,7,8,9,10,17, 23,25,27,28,29,31,37/03	95191	16	35,44,45/02;12,13,14,16, 20,25/03	96790	10	6/03	97268	10	6/03
95101	8	39,44,50/02;1,5,6,9,14, 17,28,31/03	95192	15	35,38/02;20,21,26,33, 40/03	96791	8	37/02;20/03	97269	11	45/02;8,13,18,27/03
95102	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 23,25,27/03	95193	8	42,47/02;1,10,40/03	96792	7	16,20/03	97270	6	36,44/02;1,5/03
95103	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03	95194	16	9,13,16,20/03	96793	2	36/02	97271	12	37,39/02;6,10,12,26,35, 41/03
95104	12	38,39,43,44,45,46,47,50, 52/02;1,4,6,7,8,9,10,17, 23,25,27,28,29,31,37/03	95195	14	44,45/02	96794	1	37/02;1,14/03	97272	11	52/02;6,10,12,14,23, 37/03
95105	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03	95196	15	38/02;34/03	96795	6	37/02;1,14/03	97273	11	34/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 43/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.			
97276	1	40/02;9/03			
97277	11	1,5,6,8,9,14,35,39/03			
97278	11	39/02;1,20,35,39/03			
97279	9	9,27/03			
97280	4	52/02			
97281	2	41/02			
97283	3	45/02;9/03			
97285	6	34,42/02;7,13,17,36/03			
97286	6	34,35,36,41,42/02;6,8,10, 13,17,35,36,38/03			
97287	5	34/02;20/03			
97300	6	1,13,25,26/03			
97303	3	47,48/02			
97320	6	33/02;14,25/03			
97340	8	33,38,52/02;16,17,18,22, 36/03			
97341	9	34/02;16,21/03			
97342	14	38/02;17,18,22,27,43/03			
97343	12	38/02;17,25/03			
97360	6	38/02;5,7,13,18,27,43/03			
97380	7	39,47,52/02;1,2,8,16,23, 38,40/03			
97381	7	7,13,27,43/03			
97382	2	41,45/02;4,42/03			
97383	16	5,7,13,42/03			
97384	4	47/02;19/03			
97385	10	52/02;5,6,7,9/03			
97387	2	4,5,7,42/03			
97389	1	39/02;42/03			
97390	5	39,40/02;2,5,12,16,36/03			
97391	26	6,7,12,16/03			
97392	5	1,21,23,26,33,38/03			
97396	14	36,39,40/02;2,16,17,23, 33,38/03			
97397	7	39,49/02;16,26/03			
97398	4	43/03*			
97400	4	34/03*			
97410	8	17,19/03			
97412	7	40/02			
97420	17	34,39,42,47,52/02;1,8,10, 33,38,40/03			
97421	13	35,36/02;1,10,13,20,26, 36/03			
97423	2	35,36/02;1,13,20,26, 36/03			
97425	6	34,39,47,52/02;1,6,8, 10/03			
97440	8	52/02;1,16,19,27,43/03			
97441	5	46/02			
97443	6	15,19,25/03			
97460	7	40/02;5,19,21/03			
97461	9	5,8,19,21,22,23,26/03			
97465	9	1,6,8,19,20,22,33,37/03			
97466	2	46/02;1,23,27/03			
97469	10	1,6,8,19,20,22,33,37/03			
97471	5	N22,N33/03			
97472	8	34/02;33/03			
97474	7	22/03			
97480	7	35,52/02;3,9,10,17,18, 21/03			
97481	6	47,49/02;9,18,20/03			
97483	7	48,52/02;20/03			
97521	6	42/02;16,18,20/03			
97564	3	16/03			
800744	1	N49/02;N5,N12,N13, N16,N36/03			
801217	1	N6,N8,N19,N20,N22, N33,N37/03			
801885	3	N34/03			
801902	9	N25,N31/03			
801953	1	N39/03			
802202	8	N35/02;N1,N7/03			
804059	2	N43/03			
804567	4	N31/03			
805118	3	N12,N36/03			
805647	2	N37,N51/02;N30/03			
806927	8	N25,N30,N39/03			
807370	5	N17,N25,N30,N31, N39/03			
807861	2	N22/03			
808365	2	N14/03			
809055	7	N16/03			
809310	9	N39/02			
809679	2	N50/02;N12,N27/03			

SECTION II

NM 43/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
	REGION 1							
11AHA11328 (7642014010123)	Houston Ship Channel-Atkinson Island to Alexander Island	10,000	<u>23</u>	<u>8/03</u>	NOS	1-94	43/03	
11XHA11348 (7642014010222)	Forked Island to Ellender including the Mermentau River, Grand Lake and White Lake (Not shown on index)	40,000	<u>20</u>	<u>8/03</u>	NOS	1-94	43/03	
11XHA11350 (7642014010223)	Wax Lake Outlet to Forked Island including Bayou Teche, Vermilion River, and Freshwater Bayou	40,000	<u>25</u>	<u>7/03</u>	NOS	1-94	43/03	
11XHA11516 (7642014010265)	<u>Port Royal Sound</u>	40,000	<u>30</u>	<u>8/03</u>	NOS	1-20,94	43/03	
12XHA12205 (7642014010357)	Cape Henry to Pamlico Sound including Albemarle Sound (Not shown on index)	80,000	<u>28</u>	<u>8/03</u>	NOS	1-94	43/03	
12BHA12282 (7642014010351)	Severn and Magothy Rivers	25,000	<u>34</u>	<u>9/03</u>	NOS	1-95	43/03	
13XHA13274 (7642014010463)	Portsmouth Harbor to Boston Harbor (Not shown on index)	40,000	<u>25</u>	<u>9/03</u>	NOS	1-95	43/03	
14XHA14175 (7642015019385)	<u>Can. 4920, Plans Baie des Chaleurs-South Shore</u>			<u>9/98</u>	<u>CHS</u>	1-36,39, 95	43/03	
	Plans: Wharf Belledune							
	<u>47 54 06N 65 51 46W</u>	<u>10,000</u>						
	<u>47 55 31N 65 48 58W</u>							
	<u>Middle Caraquet</u>	<u>5,000</u>						
	<u>47 48 00N 64 52 34W</u>							
	<u>47 48 30N 64 51 52W</u>							
	<u>Bas-Caraquet</u>	<u>5,000</u>						
	<u>47 48 12N 64 51 42W</u>							
	<u>Shippegan Harbour</u>	<u>20,000</u>						
	<u>47 42 24N 64 43 00W</u>							
	<u>47 45 14N 64 38 30W</u>							
	<u>Lameque</u>	<u>5,000</u>						
	<u>47 47 12N 64 39 52W</u>							
	<u>Caraquet</u>	<u>5,000</u>						
	<u>47 47 36N 64 56 00W</u>							
	<u>Bathurst Harbour</u>	<u>15,000</u>						
	<u>47 37 30N 65 37 00W</u>							
	<u>Wharf Petit-Rocher</u>	<u>5,000</u>						
	<u>47 46 48N 65 43 04W</u>							
14XHA14181 (7642014014866)	Canceled						1-36,39, 95	43/03
14XHA14198 (7642015019398)	<u>Can. 1310, Port de Montreal</u>			<u>3/00</u>	<u>CHS</u>	1-36,39, 95	43/03	
	Left Panel							
	<u>45 29 12N 73 33 18W</u>	<u>15,000</u>						
	<u>45 29 12N 73 30 00W</u>							
	<u>45 32 47N 73 30 00W</u>							
	<u>45 38 12N 73 25 33W</u>							
	<u>45 38 12N 73 33 18W</u>							
	Right Panel							
	<u>45 36 42N 73 30 45W</u>	<u>15,000</u>						
	<u>45 36 42N 73 25 34W</u>							
	<u>45 45 41N 73 25 34W</u>							
	<u>45 45 41N 73 26 15W</u>							
	<u>45 40 14N 73 30 45W</u>							
	Plan: Quai Alexandra (Plan not shown on index)			<u>10,000</u>				
14AHA14206 (7642014010517)	Canceled						1-36,39, 95	43/03

SECTION II

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
14XHA14217 (7642015019408)	Can. 1236, Pointe des Monts to Escoumins 48 12 00N 69 28 28W 49 33 00N 66 28 28W Plans: Baie Verte Godbout Matane Rimouski Pointe-Au-Pere (Plans not shown on index)	<u>200,000</u> <u>20,000</u> <u>5,000</u> <u>20,000</u> <u>20,000</u>		<u>9/98</u>	CHS	1-36,39, 95	43/03	
14ACO14240 (7642014010497)	Canceled					1-36,39, 95	43/03	
	REGION 4							
42ACO42036 (7642014012622)	Bellsund to Forlandsrevet and Isfjorden Plans A: Pyramiden Havn D: Continuation of Bellsund to Forlandsrevet and Isfjorden	<u>199,958</u> <u>25,000</u> <u>199,975</u>	2	5/97	A	4-2,3,8, 9,24	43/03	
	REGION 9							
97AHA97398 (7642014014329)	Hirado-Seto and Approaches	40,000	4	<u>8/03</u>	A	9-44	43/03	
	MISCELLANEOUS CHARTS AND PUBLICATIONS							
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)		18	<u>8/03</u>	DS	10-43	43/03	

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service
 DS Distribution Limited
 GPO Government Printing Office
 NOS National Ocean Service
 * Not for sale or reproduction outside U.S.A.

To locate the nearest NOS Sales Agents in your area, go to - <http://acc.nos.noaa.gov/Naut/NautAgents.html>

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

PUB 160 (Continued)

4. IMO number.
5. MMSI.
6. Satellite telephone number.
7. Year when vessel was built.
8. Deadweight tonnage.
9. Vessel type and cargo on board.
10. Number of crew/passengers.
11. Agent's name, address, and telephone number.
12. Last port/previous port and date of departure.
13. Destination.
14. Present position, course, and speed.
15. ETA.
16. Crew list, including name, rank, nationality, residence (country and city), age, seniority in company, and date of signing-on.

Vessels which do not report according to the above IMOT procedures will not be allowed to enter any Israeli port.

All vessels shall contact the Israeli navy on VHF channel 16 when 25 miles off the coast. The report shall include the following information:

1. Vessel's name and call sign.
2. Present position, course, and speed.
3. ETA.

Note.—This contact with the Israeli navy is not a substitute for the required report sent through Haifa Coast Radio Station.

(BA NM 39/03, Section VI)

43/03

PUB 163 8 Ed 2002 LAST NM 41/03

Page 95—Lines 16/L to 55/R; read:

4.11 The coast between Tanjung Pujut and Tanjung Sekong is high and broken by steep points. Gosong Jawa (Java Rif), a small coral patch with a depth of 8.8m, lies about 0.6 mile offshore, W of Tanjung Sekong. Ripples appear when the current is running at a rate of 1 to 2 knots; at times it is marked by discoloration.

Merak Mas Terminal ($5^{\circ}55.4'S.$, $105^{\circ}59.6'E.$) is a new multipurpose terminal located 0.5 mile N of Merak. Merak Mas Terminal is U-shaped and has three berths, with a charted depth of 11m in the basin.

Pilotage is available 24 hours. The pilot boards approximately 1 mile W of Tamposo Island.

Anchorage, protected from NE through SSW winds, can be taken about 0.75 mile NW of the Tamposo Island, in a depth of 35m, mud and sand. Good holding characteristics are reported here.

Merak Petroleum Base ($5^{\circ}55'S.$, $106^{\circ}00'E.$) is situated on Tanjung Sekong. The new terminal is used for the import of bulk ores. Equipment for offshore oil installations are fabricated here. In addition, small tankers and LPG carriers also use the base.

Vessels up to 2,000 dwt, 91.4m in length, and 4.5m draft, can berth alongside two small jetties. The jetties have a depth of 5.5m alongside. Two mooring buoys, which can handle vessels up to 20,000 dwt, are located in the bay S of Merak.

Pilotage is available from Merak.

Anchorage off the jetty, sheltered from NE to SSW, but otherwise exposed, can be obtained 0.4 mile NW of the jetty,

in a depth of 36m, with good holding ground. Tidal currents in the anchorage run NE and SW up to 2 knots.

Pulau Merak (Merak Besar) ($5^{\circ}56'S.$, $105^{\circ}59'E.$), a wooded island, 66m high, lying a little less than 1.3 miles SSW of Tanjung Sekong, is fringed by a narrow coral reef which is steep-to on its NW side.

Pulau Merak Kecil ($5^{\circ}56'S.$, $106^{\circ}00'E.$), 0.45 mile SE of Pulau Merak and 0.15 mile offshore, is a low islet.

4.12 Tarembu ($5^{\circ}56.2'S.$, $105^{\circ}59.5'E.$), a rock with a depth of 1.1m, lies in the middle of the W side of the extensive reef, with depths of less than 10m, lying between Pulau Merak and Pulau Merak Kecil. A 4.9m patch lies on this reef 0.1 mile NNE of Tarembu. A shoal, with a depth of 5.5m, sand and stones, lies close NE of Tarembu.

A dangerous wreck lies 0.15 mile NE of Tarembu.

Vessels may enter the roadstead from the S passing W of Pulau Merak Kecil and then to either side of Tarembu; the E channel has a depth of 10.6m while the W channel has a depth of 10.8m.

The E channel is marked by lighted buoys and a beacon; these buoys are reported unreliable.

The W channel is marked by a lighted beacon. The current in the strait is usually S, at a maximum rate of 2 knots

The entrance to the roadstead, N of Pulau Merak, is narrowed by a bank which extends 137m from that island; there is a 7.9m patch mid-channel.

The roadstead, in addition to offering shelter because of Pulau Merak and the breakwater-like reefs adjacent to Tarembu, affords the only sheltered anchorage on the W coast of Java. It is comparatively free of swells, and the maximum rate of tidal currents is about 2 knots.

4.13 Merak (Tanjung Sekong) ($5^{\circ}56'S.$, $106^{\circ}00'E.$) (World Port Index No. 50935) is a village with a small harbor located E of Pulau Merak. A Pertamina terminal is located here in addition to a ferry terminal. There is a coastal radio station situated at the village.

Depths—Limitations.—A concrete quay, 118m in length, affords alongside berthing to vessels with a draft of less than 4.3m. Mooring buoys situated 500m SE of the ferry quay can handle vessels up to 6,000 dwt, 90m in length and 7m draft. This berth is used to load liquefied chemicals from tanks near the pier.

Pilotage.—Both good weather and bad weather boarding areas have been designated for vessels mooring at the Pertamina terminal in Merak. During good weather, the pilot boards 1.5 miles NNE of Pulau Ular in position $5^{\circ}59.5'S.$, $105^{\circ}55.5'E.$. During bad weather, the pilot boards inshore of Brouwers Sand in position $5^{\circ}58.5'S.$, $105^{\circ}58.5'E.$.

Caution.—Brouwers Sand is a formation of hard sand extending about 3 miles in a SW direction, parallel to the coast from a position about 0.5 mile SW of the S extremity of Pulau Merak. The least depth over this shoal, 4.8m, is near the NE extremity.

Pulau Ular ($6^{\circ}00'S.$, $105^{\circ}56'E.$) is a steep-to rock, lying about 5.75 miles SW of the S extremity of Pulau Merak. A shoal patch of 10.1m, lies 0.75 mile NE of Pulau Ular. A light is shown from the island.

PUB 163 (Continued)

4.14 Cigading ($6^{\circ}01'S.$, $105^{\circ}57'E.$) (World Port Index No. 50925) is a port for the import of bulk iron ore, situated on the W coast of Jawa, 1.75 miles E of Pulau Ular.

Cigading Port Authority

<http://www.cigadingport.com>

Depths—Limitations.—A T-headed concrete jetty projects 300m from the shore, with the T-head orientated NE-SW. It is equipped with a conveyor for bulk handling of ore. The main berthing face on seaward side of the T-head is 570m in length, with a depth alongside of 14m. On the inside of the NE end of the T-head, there is a berth with a length of 200m and a depth of 12m alongside. Three shore cranes are available. Vessels can use their own equipment for loading and unloading.

Vessels up to 90,000 dwt, with a maximum length of 160m and a maximum draft of 11.5m, can be accommodated.

A berth, 85m long, is situated on the SW side of the arm, which joins the SW end of the main wharf. A 250m extension of the berth, in a NE direction, was reported to be completed.

A tanker berth, with a depth of approximately 18m, for tankers up to 220m in length, lies offshore 1.75 miles NE of the jetty. A vessel is secured, using tugs, between four mooring buoys (bow NE) and pipelines are connected to the shore from its starboard side.

Pilotage.—Assistance in berthing may be requested from the harbormaster at Pulau Merak, 5 miles NNE. Berthing is only possible by day but unberthing is by day or night. At the tanker berth, berthing and unberthing is arranged during daylight only. The ETA of a vessel, its draft, and any special requirements for discharging cargo should be communicated 48 hours in advance.

(BA NM 32/03, Section VI) 43/03

PUB 172 9 Ed 2001 LAST NM 40/03
Page 172—Lines 30 to 47/R; read:

Pilotage.—Pilotage is compulsory for vessels over 200 nrt and is available 24 hours. Pilots may be contacted by VHF and board about 3 miles E of head of the E breakwater.

Vessels should send an ETA message 48 hours, 36 hours, and 24 hours in advance through the agent or by e-mail (e-mail address: mktg@salalahport.om/fax). The port should also be contacted directly on VHF channel 16 or 12 when 3 to 4 hours from arrival. The first message should include the vessel's length, draft, nrt, grt, cargo distribution details, last port of call, next port of call, and the vessel's name, flag, and port of registry. Pilotage can be provided with 1 hour notice.

All inbound vessels should contact the port on VHF channel 16 or 2182 kHz when within range. All vessels in the port should maintain a continuous listening watch on VHF channels 12 and 16.

Regulations.—Vessels 70m long and over carrying bulk hazardous cargo are required to use two tugs when berthing and unberthing.

Ship-to-ship operations may only be conducted in Anchorage C. Berthing is allowed during daylight hours only. Unberthing may be done at any time. Pilotage and the use of a tug are required when the maneuvering vessel in a ship-to-ship berthing/unberthing operation is 170m long or greater and is without operational bow thrusters.

Operations are suspended during the monsoon season and when any of the following conditions exist:

1. Wind speed of 25 knots or more.
2. Swells of 1.5m or more.
3. Visibility of 500m or less.

Vessels unable to communicate by voice in clear English or Arabic will not be allowed to enter the port and will remain at anchorage until suitable voice communications arrangements are made by the owner or agent.

Anchorage.—Designated anchorage areas, best be seen on the chart, have been established SE of Mina RAYSUT. They are used, as follows:

1. Area A—Vessels waiting for a berth.
2. Area B—Vessels requiring offshore services.
3. Area C—Vessels requiring bunkering or ship-to-ship services.

The bottom in these anchorages is sandy.

Caution.—It is reported (1997) that wave recorder buoys are often moored within 1.5 miles SE of the E breakwater head.

A prohibited area, into which entry is prohibited and which is best seen on the chart, lies NE of Mina RAYSUT, on the N side of Bandar RAYSUT.

(PUBS 017-03; BA NP 286(3);

US NM 18/02, Section II) 43/03

PUB 174 8 Ed 2000 LAST NM 41/03
Page 146—Lines 19 to 25/R; read:

All VHF traffic is to be conducted on VHF channel 21 and vessels will keep a continuous watch on this channel when entering, leaving, transiting, or when anchoring in the traffic information area. The reserve channel is VHF channel 13. In the event that VHF channel 21 is inoperative, vessels shall check with Port Operations Control Center on VHF channel 12 for instructions.

(465)03 Singapore) 43/03

PUB 175 7 Ed 2001 LAST NM 38/03
Page 20—Lines 50 to 60/L; read:

Directions.—Preferred routes lead into Melville Bay and can best be seen on the chart. Deep draft vessels pass to the N of Bremer Island and shallow draft vessels may pass to the S.

(17)555)03 Wollongong) 43/03

PUB 192 8 Ed 2003 LAST NM 42/03
Page 57—Line 26/R; read:

draft can be accommodated at springs (3.4m draft at neaps) alongside these river berths, but

(BA NP 54) 43/03

PUB 192 (Continued)

Page 57—Line 29/R; read:

Aspect.—The fairway in Bull Dog Channel is marked by
(BA NP 54) 43/03

Page 58—Line 1/L; read:

Directions.—It is reported (2003) that Bull Dog Channel,
(BA NP 54) 43/03

Page 58—Lines 8 to 9/L; read:

Teetotal Channel, lying W of Bull Dog Channel, and Coke
Hole Channel, lying E of Bull Dog Channel, are
(BA NP 54) 43/03

Page 61—Lines 58 to 59/L; read:

Conspicuous landmarks at Great Yarmouth include the
two frame-
(BA NM 14/03) 43/03

Page 108—Line 27/L; read
in the vicinity of this light platform.

It is reported (2003) that a lighted radar tower, equipped
with a racon, stands about 7 miles S of West Hinder Light, at
the SE side of Dyck Oriental (Oost Dyck).

(Belg NM 2/03) 43/03

PUB 195 7 Ed 2002**LAST NM 41/03**

Page 8—Lines 49 to 50/L; read:

Aspect.—The traffic lanes and separation zones of the
TSS in the approaches to the port are marked by lighted
buoys and indicated by lighted ranges and sector lights,
which may best be

(NIMA) 43/03

Page 8—Lines 3 to 17/R; read:

Pilotage.—Pilotage is compulsory for all vessels, except
Estonian vessels of 300 grt and less, in Tallinn Bay, Kopli
Bay, and Muuga Bay. Requests for pilotage must be sent
through the agent 24 hours in advance to the Traffic Control
Service (TCS). Confirmation messages must be sent 6 hours
and 2 hours prior to arrival at the pilot boarding place.

Vessels must send a report through Tallinn Coast Radio
Station or the agent to the TCS 72 hours and 24 hours in
advance of arrival. The report must include the ETA, draft (fore
and aft), and purpose of port call. Permission must be re-
ceived from the TCS before vessels can enter, leave, or shift
berth in the port area.

Pilots should be contacted by VHF through the TCS
(Tallinn on VHF channel 13 and Muuga on VHF channel 67)
and board, as follows:

1. Facilities in Tallinn Bay—1 mile NW of Tallinn
No. 1 Lighted Buoy (59°37'N., 24°40'E.) or 0.5 mile S of
Suurupi No. 2 Lighted Buoy (59°30'N., 24°33'E.).
2. Facilities in Kopli Bay—0.5 mile S of Suurupi No.
2 Lighted Buoy (59°30'N., 24°33'E.).
3. Port of Muuga—Vessels from NW are boarded 3
miles NE of Tallinn No. 1 Lighted Buoy and vessels from

NE are boarded about 3 miles NNE of Aksi Saar
(59°36'N., 25°06'E.).

(BA NP 286) 43/03

Page 8—Lines 27 to 51/R; read:

TCS before entering this TSS.

A mandatory Vessel Traffic Service (VTS) system oper-
ates in the approaches to Tallinn Bay, Kopli Bay, and Muuga
Bay. This system applies to all vessels navigating within the
VTS area, which is bordered by a line connecting the fol-
lowing points:

1. Ninamaa (59°28'N., 24°22'E.).
2. Position 59°30'N, 24°15'E.
3. Position 59°40'N, 24°30'E.
4. Tallinna (Madal) Light (59°43'N., 24°44'E.).
5. Keri Light (59°50'N., 25°02'E.).
6. Position 59°41.9'N, 25°12.3'E.
7. Rammu Saar (Loodo Ots) (59°35'N., 25°12'E.).
8. Ihasalu Nina (Uitru Spit) (59°32'N., 25°09'E.).

All vessels must send a report to Tallinn VTS (VHF chan-
nel 13) 30 minutes prior to arriving at the VTS area. The re-
port must include the vessel's name, call sign or IMO num-
ber, position, port of destination, ETA at pilot boarding
place, and draft.

All inbound and outbound vesssels must then report to
Tallinn VTS when entering the VTS area and when passing
abeam of the following Reporting Points:

1. Tallinn Bay.
 - a. Pikasaare Ots Light (59°36'N., 24°31'E.).
 - b. Tallinn No. 1 Lighted Buoy (59°37'N., 24°40'E.).
 - c. Suurupi No. 2 Lighted Buoy (59°30'N., 24°33'E.).
2. Muuga Bay.
 - a. Aegna Lighted Beacon (59°36'N., 24°44'E.).
 - b. Aksi Saar (59°36'N., 25°06'E.).

Vessels must also report marine casualties and pollution
incidents to Tallin VTS.

Vessels requiring icebreaker assistance should report,
either directly to the harbormaster or through the agent, their
ETA at the meridian of Ristna Light (58°56.3'N., 22°03.3'E.)
24 hours

(BA NP 286) 43/03

Page 9—Line 10/L; read:

N and W approaches of Tallinn Reid. The TSS, which forms
the approach route from N, is entered about 2.5 miles SW of
Tallinn Light (59°43'N., 24°44'E.). It extends S for about 4
miles toward Tallinn No. 1 Lighted Buoy (59°37'N.,
24°40'E.). The inbound traffic lane lies on the W side of the
separation zone.

The TSS, which forms the approach route from NW, is
entered about 2 miles N of Pikasaare Ots Light (59°36'N.,
24°31'E.). It extends ESE for about 4 miles toward Tallinn
No. 1 Lighted Buoy. The inbound traffic lane lies on the S
side of the separation zone.

From the vicinity of Tallinn No. 1 Lighted Buoy, a TSS
extends SSE for about 7 miles and forms the main entrance
route. The inbound traffic lane lies on the W side of the sepa-
ration zone.

PUB 195 (Continued)

Tallinn may also be approached from W. The TSS, forming the route from W, is entered about 2.5 miles NW of Suurupi Light (59°28'N., 24°23'E.). It extends E for 7 miles, ENE for 5 miles, and then joins the main entrance TSS. The inbound traffic lane lies on the S side of the separation zone and passes S of Vahemadal Shoal (59°31'N., 24°40'E.). The outbound lane passes N of Vahemadal Shoal and lies on the N side of the separation zone.

(BA NP 20) 43/03

Page 10—Lines 21 to 25/L; read:

A mandatory Vessel Traffic Service (VTS) system operates in the approaches to Tallinn Bay, Kopli Bay, and Muuga Bay. For further information, see Regulations under Tallinn (paragraph 1.9).

(NIMA) 43/03

COAST PILOT CORRECTIONS

**COAST PILOT 2 32 Ed 2003 Change No. 24
LAST NM 42/03**

Page 52—Paragraph 84; read:

41°22'52"N., 70°30'12"W.; thence ...
(33 CFR 110) 43/03

Page 57—Paragraph 274; read:

40°29'36.0"N., 74°16'09.2"W.
(33 CFR 110) 43/03

Page 141—Paragraph 2421, line 7; read:

be necessary to remove the vessel to a safe locality.

(m) [Reserved]
(33 CFR 207) 43/03

**COAST PILOT 3 36 Ed 2003 Change No. 16
LAST NM 42/03**

Page 277—Paragraph 34, line 1; read:

York Spit Light (37°12'35"N., 76°15'15"W.), 30 feet ...
(25/03 CG5; LL/03) 43/03

Page 345—Paragraph 272, line 7; read:

above Buoy 5, thence 6 feet to the basin, thence 6 feet ...
(23/03 CG5; LL/03) 43/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*2433	<i>University of Maine ODAS Lighted Buoy G</i>	44 20 00 N 68 27 59 W	Fl Y 4s		4		Private aid. 43/03
	*Add Heading: *Hingham Bay						
*11933	Point Allerton North Breakwater Light	42 18 07 N 70 54 59 W	Q Y		4	On pile.	 43/03
*11934	Point Allerton South Breakwater Light	42 18 06 N 70 54 57 W	Q Y		4	On pile.	 43/03
	*Delete Heading: *Hingham Bay						
11935	Inner Seal Rock Channel Buoy 1	42 17 54 N 70 54 36 W				Green can.	 43/03
*14834	Waquoit Bay Buoy 1					Green can.	Maintained from Apr. 15 to Oct. 15. Private aid. 43/03
*14951	Eel Pond Buoy 10					Red nun.	Maintained from Apr. 15 to Oct. 15. Private aid. 43/03
*22143	Thames River Wreck Buoy WR30A	40 44 08 N 72 52 32 W				Red nun.	 43/03
29405	- <i>Lighted Buoy 10</i>	40 41 12 N 73 13 54 W	Fl R 2.5s		2	Red.	Replaced by nun from Nov. 15 to Apr. 1. 43/03
30165	- <i>Lighted Buoy 11</i>	40 44 08 N 72 52 32 W	Q G		3	Green.	Replaced by can from Nov. 1 to Apr. 15. 43/03
31360	- LIGHT 68	40 38 45 N 73 16 57 W	Fl R 4s		3	TR on pile.	Light maintained from Apr. 1 to Nov. 15. 43/03
	Sandy Hook Channel						*
35085	<i>Scotland Lighted Whistle Buoy S</i>	40 26 30 N 73 55 00 W	Mo (A) W		7	Red and white stripes with red spherical topmark.	RACON: M (—). HORN: 1 blast ev 30s (3s bl). 43/03
		*					

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20870	- CHANNEL RANGE FRONT LIGHT	39 13 16 N 76 34 35 W	Q G	20	On on multi-pile structure.	Visible on rangeline only.	*
			*				43/03
28105	- CHANNEL LIGHT 30	35 45 51 N 75 35 20 W	Q R	15	3 TR on pile.	*	
		*	*	*			43/03
*28123	- Channel Light 36		Fl R 2.5s	15	3 TR on pile.		
							43/03
28125	- Channel Buoy 36A				Red nun.	*	
		*				*	43/03
*28126	- Channel Daybeacon 36B				TR on pile.		
							43/03
*28127	- Channel Daybeacon 36C				TR on pile.		
							43/03
*Delete Headings and Note: *CAPE HENRY TO PAMLICO SOUND (Chart 12205) *Old House Channel							
*Aids located 25 feet outside the dredged channel limit.							
28200	- Buoy 1					Remove from list.	
						*	43/03
28205	- Buoy 2					Remove from list.	
						*	43/03
28210	- Buoy 3					Remove from list.	
						*	43/03
28215	- Daybeacon 5					Remove from list.	
						*	43/03
28220	- LIGHT 6					Remove from list.	
						*	43/03
28225	- Daybeacon 7					Remove from list.	
						*	43/03
*Add Headings and Note: *CAPE HENRY TO PAMLICO SOUND (Chart 12205) *Old House Channel							
*Aids located 25 feet outside the dredged channel limit.							
28230	- LIGHT 8		Q R	15	3 TR on pile.	Light equipment removed from endangered by ice.	
							43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
29550	- Buoy 11					Green.	
	*		*		*		43/03
31150	- LIGHT 10		Fl R 4s	15	2	TR on pile.	
					*		43/03
31165	WATERLILY LIGHT 1W	36 22 46 N 75 55 02 W	Fl G 4s	15	5	SG on multi-pile structure.	
		*					43/03
32015	- STUMPY POINT HARBOR LIGHT 1	35 41 25 N 75 44 17 W	Fl G 4s	15	3	SG on pile.	
	*						43/03
32375	ROYAL SHOAL LIGHT 5RS	35 09 17 N 76 09 37 W	Q G	15	4	SG on multi-pile structure.	Ra ref.
	*						43/03
Pamlico River Approach							
32415	North Bluff Point Warning Daybeacon	35 18 15 N 76 04 47 W				NW on pile worded DANGER SUBMERGED WRECK.	
	*						43/03
32425	BLUFF POINT SHOAL LIGHT	35 19 19 N 76 07 14 W	Fl W 4s	15	5	NB on multi-pile structure.	
	*						43/03
33998	Northwest Creek Channel Daybeacon 4	35 03 18 N 76 57 50 W				TR on pile.	Private aid.
	*						43/03
Newport River							
Beaufort Harbor Channel							
34805	- Lighted Buoy 2	34 42 11 N 76 40 41 W	Fl R 2.5s		3	Red.	
	*						43/03
34907.1	- Buoy 2	34 43 22 N 76 41 24 W				Red nun.	
	*						43/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HORSESHOE POINT TO ROCK ISLANDS (Chart 11407)							
1645	HORSESHOE BEACH	29 23 16 N	Fl R 4s	16	4	TR on dolphin.	
30360	APPROACH LIGHT 2	83 20 24 W					
	*						43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1875	- RANGE A FRONT LIGHT	33 11 34 N 79 10 05 W	Q W (Day) Q W (Night)	15 13		Skeleton tower piles.	Visible 0.5° each side of rangeline (Day). Visible 10° each side of rangeline (Night). Lighted throughout 24 hours.
			*			*	*
							43/03
1880	- RANGE A REAR LIGHT 849 yards, 270° from front light.		Iso W 6s (Night) Iso W 6s (Day)	43 40		Skeleton tower on piles.	Visible 0.5° each side of range line (Day). Visible 10° each side of range line (Night). Lighted throughout 24 hours.
						*	*
							43/03
Sapelo River							
5875	- Daybeacon 2	31 32 00 N 81 17 10 W				TR on pile.	
		*					43/03
Anna Maria Sound							
21860	- LIGHT 1	27 32 03 N 82 42 48 W	Fl G 6s	12	4	SG on dolphin.	
				*			43/03
23940	- LOWER RANGE FRONT LIGHT	27 48 30 N 82 34 42 W	Fl W 2.5s	17		Skeleton tower on piles.	Visible 0.5° each side of rangeline (Day). Visible 1.5° each side of rangeline (Night). Lighted throughout 24 hours.
					*		*
							43/03
23945	- LOWER RANGE REAR LIGHT 1,799 yards, 201.7° from front light.		Iso W 6s	51		Skeleton tower on piles.	Visible 0.5° each side of rangeline (Day). Visible 1.5° each side of rangeline (Night). Lighted throughout 24 hours.
					*		*
							43/03
26585	- LIGHT 16		Q R	16	3	TR on pile.	
				*			43/03
Suwannee Sound South Entrance							
30015	- Daybeacon 2	29 09 17 N 83 06 14 W				TR on pile.	
		*					43/03
HORSESHOE POINT TO ROCK ISLANDS (Chart 11407)							
Horseshoe Beach							
30360 1645	- APPROACH LIGHT 2	29 23 16 N 83 20 24 W	Fl R 4s	16	4	TR on dolphin.	
		*					43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
50500	- Harbor Daybeacon 1	25 01 50 N 80 30 33 W				SG on pile.	Private aid. * 43/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
297	Stone Energy-109-2 Lighted Buoy Marks subsea installation						Remove from list. * 43/03

New Orleans Harbor

13625	GOVERNOR NICHOLLS	29 57 38 N	Fl R 4s				
33180	LIGHT 94 LDB mile 94.3.	90 03 23 W				6 On skeleton tower. On same structure as Governor Nicholls Harbor Traffic Control Light.	Not operated when traffic control lights are in operation.
		*					43/03

15950	- LIGHT 3	29 36 03 N 90 04 22 W	Fl G 2.5s	17	3	SG on pile.	Ra ref.
		*					43/03

16780	PHILO BRICE ISLAND LIGHT 1	29 11 38 N 90 20 58 W	Fl G 4s	17	4	SG on dolphin.	
		*					43/03

Lake La Grasse

17000	- LIGHT 1	29 10 55 N 90 35 01 W	Fl G 4s	17	4	SG on pile.	Ra ref.
		*					43/03

17135	- Lighted Buoy 7	29 03 08 N 90 34 34 W	Fl G 4s	4	Green.		
		*					43/03

17155	- Lighted Buoy 12	29 04 04 N 90 34 42 W	Q R	3	Red.		
		*					43/03

17290	- RANGE B FRONT LIGHT	29 11 13 N 90 36 34 W	Q W	25	KRW on tower.		Visible all around with higher intensity beam down channel.
		*	*			*	43/03

17300	- LIGHT 19 Marks sunken barge.	29 11 31 N 90 37 00 W	Fl G 2.5s	17	3	SG on pile.	Ra ref.
		*					43/03

17317	- LIGHT 23	29 12 42 N 90 38 41 W	Fl G 6s	17	4	SG on pile.	Ra ref.
		*					43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17322	- LIGHT 25	29 13 18 N 90 39 29 W	Fl G 4s	17	4	SG on pile.	Ra ref. *
							43/03
ISLES DERNIERES TO POINT AU FER (Chart 11356)							
17415	Caillou Boca Daybeacon 5	29 03 12 N 90 50 28 W				SG on pile.	Ra ref. *
							43/03
Bayou Grand Caillou							
17440	- ENTRANCE LIGHT 1	29 10 24 N 90 58 52 W	Fl G 6s	17	4	SG on pile.	Ra ref. *
							43/03
17470	- Daybeacon 13	29 12 07 N 90 54 49 W				SG on pile.	Ra ref. *
							43/03
17480	- Buoy 16	29 12 58 N 90 15 56 W				Red nun.	 *
							43/03
17530	- Buoy 25	29 12 58 N 90 51 56 W				Green can.	 *
							43/03
17560	- Buoy 33	29 13 22 N 90 49 58 W				Green can.	 *
							43/03
17685	GRAND PASS LIGHT 2	29 15 45 N 90 56 03 W	Fl R 4s	20	4	TR on pile.	Ra ref. *
							43/03
20040	- Buoy 3	29 42 41 N 93 00 39 W				Green can.	 *
							43/03
24045	EXXON DOCK 2 LIGHT	29 43 37 N 95 01 18 W	Fl R 2.5s	20		On pilings.	Private aid. *
							43/03
24050	EXXON DOCK 5 LIGHT	29 43 39 N 95 01 23 W	Fl R 4s	22		On pilings.	Private aid. *
							43/03
33480	- Buoy 7						Remove from list. *
							43/03

*Delete Heading:

*Morgan City - Port Allen (Alternate Route)

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
33485	- Buoy 9						Remove from list. * 43/03
	*Add Heading: *Morgan City - Port Allen (Alternate Route)						
33490	DOW CHEMICAL BARGE DOCK LIGHTS (2)	29 54 30 N 91 13 30 W	Fl R 2.5s	13		On mooring dolphins.	Private aids. 43/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2305	- Harbor Buoy 3	33 12 30 N 117 24 01 W				Green can.	 * 43/03
2317	-Danger Buoy	33 12 30 N 117 23 57 W				White can with orange band worded ROCKS.	 43/03
*2872	- Lighted Mooring Buoy PT	33 45 06 N 118 10 15 W	Fl W 4s			White with blue band.	Private aid. 43/03
*3974.5	- Fairway Buoy E	36 36 30 N 121 53 34 W				White can with orange bands.	Private aid. 43/03
*3974.6	- Fairway Buoy F	36 36 38 N 121 53 32 W				White can with orange bands.	Private aid. 43/03
*3974.7	- Fairway Buoy G	36 36 28 N 121 53 33 W				White can with orange bands.	Private aid. 43/03
*3974.8	- Fairway Buoy H	36 36 26 N 121 53 36 W				White can with orange bands.	Private aid. 43/03
*3975.1	- Mooring Area Buoy W	36 36 20 N 121 53 18 W	Q Y			Yellow can.	Private aid. 43/03
*3975.2	- Mooring Area Buoy X	36 36 20 N 121 53 10 W	Q Y			Yellow can.	Private aid. 43/03
*3975.3	- Mooring Area Buoy Y	36 36 20 N 121 53 18 W	Q Y			Yellow can.	Private aid. 43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*3975.4	- Mooring Area Buoy Z	36 36 12 N 121 53 10 W	Q Y			Yellow can.	Private aid.
							43/03
8210	- LIGHT 12	40 45 54 N 124 12 52 W	Fl R 6s	15	4	TR on pile.	Ra ref.
			*				43/03
University of California Davis							
8591	- Lighted Research Buoy 1	39 09 11 N 120 00 01 W	Q Y			Yellow spar.	Private aid.
			*				43/03
8591.2	- Lighted Research Buoy 3	39 06 37 N 120 04 31 W	Q Y			Yellow spar.	Private aid.
			*				43/03
8591.4	Lighted Research Buoy 5	39 02 29 N 120 04 49 W	Q Y			Yellow spar.	Private aid.
			*				43/03
Welch Island							
10310	THREE TREE POINT LIGHT 23	46 16 01 N 123 31 13 W	Fl G 4s	40	6	SG on white house.	Ra ref.
			*				43/03
10320	ROCKLAND LIGHT 27	46 16 18 N 123 30 21 W	Fl G 2.5s	19	5	SG on house.	
			*				43/03
10330	BAYVIEW LIGHT 29	46 16 27 N 123 29 16 W	Iso G 2s	18	4	SG on house.	
			*			*	43/03
10340	SKAMOKAWA LIGHT 31	46 16 20 N 123 28 19 W	Q G	15	4	SG on dolphin.	
			*				43/03
10350	SKAMOKAWA CREEK LIGHT 33	46 15 58 N 123 27 30 W	Fl G 2.5s	15	4	SG on pile.	
			*				43/03
10355	SKAMOKAWA RANGE FRONT LIGHT	46 14 05 N 123 25 26 W	Q W	17		KRB on pile structure.	Visible all around; higher intensity beam on rangeline.
			*				43/03
10380	HUNTING ISLAND LIGHT 39	46 13 47 N 123 25 23 W	Fl G 2.5s		4	SG on dolphin.	
			*				43/03
10400	CLIFTON DIKE LIGHT 42	46 12 21 N 123 25 52 W	Fl R 4s	20	4	TR on dolphin.	Higher intensity beam up and down channel.
			*				43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10401	- LIGHT 43	46 12 19 N 123 25 30 W	Fl G 2.5s	20	4	SG on dolphin.	On dike. * 43/03
10405	CLIFTON DIKE LIGHT 44	46 12 07 N 123 26 08 W	Fl R 6s	20	4	TR on dolphin.	 * 43/03
10415	BUGBY HOLE LIGHT 46	46 10 54 N 123 25 57 W	Q R	15	5	TR on dolphin.	 * 43/03
10425	- LIGHT 49	46 10 33 N 123 25 11 W	Fl G 4s	17	4	MPS dolphin.	 * 43/03
Wauna							
10430	- RANGE FRONT LIGHT	46 08 38 N 123 22 55 W	Q W			KRB on pile structure.	Visible all around; higher intensity on rangeline. * 43/03
10485	- DIKE LIGHT 60	46 08 40 N 123 22 02 W	Fl R 6s	15	4	TR on pile.	Higher intensity beam up and down channel. * 43/03
10490	- RANGE FRONT LIGHT	46 08 31 N 123 21 14 W	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline. * 43/03
10510	- DIKE LIGHT 66	46 08 26 N 123 18 48 W	Q R	15	4	MPS pipe.	 * 43/03
10520	CATHLAMET DIKE LIGHT 67	46 08 53 N 123 17 52 W	Fl G 4s	15	4	SG on multi-pile.	 * 43/03
10540	Elochoman Daybeacon 2	46 12 29 N 123 23 19 W				TR on pile.	 * 43/03
10555	- LIGHT 8	46 09 01 N 123 17 51 W	Fl R 2.5s	15	4	TR on dolphin.	 * 43/03
10560	WATERFORD LIGHT 69	46 09 10 N 123 16 01 W	Fl G 4s	30	6	SG on concrete pad.	 * 43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Eureka							
10565	- CHANNEL LIGHT 70	46 08 54 N 123 15 41 W	Fl R 4s	15	4	TR on dolphin.	Ra ref.
		*					43/03
10580	- DIKE LIGHT 76	46 09 47 N 123 14 00 W	Q R	15	4	TR on dolphin.	Higher intensity beam down channel.
		*					43/03
10590	- DIKE LIGHT 78	46 09 59 N 123 13 30 W	Fl R 4s	17	4	MPW.	Higher intensity beam down channel.
		*			*		43/03
10595	- DIKE LIGHT 80	46 10 07 N 123 13 04 W	Fl R 6s	13	4	TR on dolphin.	
		*					43/03
10640	ABERNATHY POINT LIGHT 83	46 11 25 N 123 10 04 W	Fl G 2.5s	20	5	SG on cylinder.	
		*					43/03
CRIMS ISLAND TO ST. HELENS (Chart 18524)							
10650	BUNKER HILL LIGHT 85	46 11 22 N 123 08 22 W	Fl G 4s	17	4	SG on tower.	Higher intensity beam up channel.
		*					43/03
10660	STELLA RANGE FRONT LIGHT	46 11 17 N 123 07 27 W	Q G	20		Skeleton on pile structure.	Visible all around; higher intensity on rangeline.
		*			*		43/03
10670	CLEVELAND LIGHT 1 340 feet outside channel limit.	46 11 05 N 123 06 51 W	Fl G 2.5s	12	4	SG on dolphin.	
		*					43/03
14625	CHINOOK DIKE LIGHT 7	46 14 59 N 123 07 12 W	Fl G 6s	15	4	SG on pile structure.	
		*					43/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7720	- RANGE REAR LIGHT 10 feet, 239° from front light.		Fr	14 4		Red on white diamond daymark on pile.	Private aid.
						*	43/03
11306	- BAY CONDO MARINA RANGE FRONT LIGHT		F Y	8 2		Circular orange daymark on pile.	Maintained from May 1 to Nov. 1. Private aid.
						*	43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11307	- BAY CONDO MARINA RANGE REAR LIGHT 252 feet, 132° from front light.	F Y		15 5		Circular orange daymark on pile. Maintained from May 1 to Nov. 1. Private aid.	*

43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
------------	--------------------------	-----------------	-----------------------	---------------	--------------	------------------	----------------

CARTAGENA:

16700 -Isla Tierra Bomba. <i>J 6166</i>	10° 20.4' N 75° 34.9' W	Fl.(2)W. period 3.5s fl. 0.2s, ec. 1s fl. 0.3s, ec. 2s	351 107	27	White tower, red bands.		
		*					43/03
16725.5 -2 ENAP, Range, front. <i>J 6167.65</i>	10° 23.3' N 75° 31.8' W	Q.Y.	59 18	10	White tower, red bands.	*	
		*				*	43/03

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*203.4 -Turistico.	3° 53.3' N 77° 04.9' W	Fl.(2)Y. period 12s fl. 0.5s, ec. 1s fl. 0.5s, ec. 10s	16 5	8	Yellow beacon.		

43/03

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
------------	--------------------------	-----------------	-----------------------	---------------	--------------	------------------	----------------

MAKURASAKI KO:

11056 -S. breakwater, head. <i>F 4815.3</i>	31° 15.5' N 130° 17.5' E	Iso.R. period 6s	59 18	10	Red tower; 31.		
*	*	*		*			43/03
11060 -W. breakwater, head. <i>F 4817</i>	31° 15.7' N 130° 17.6' E	Fl.(2)G. period 6s	62 19	5	White tower; 33.	*	
	*	*		*			43/03
15167.3 -Sigaboy Island. <i>F 2235.7</i>	6° 37.7' N 126° 04.1' E	Fl.W. period 5s					
	*						43/03
26348 Hood Point. <i>K 3457</i>	10° 06.3' S 147° 43.5' E	Q.(2)W. period 8s	72 22	10	White steel framework tower; 65. Visible 283°-158°.		
	*			*			43/03

PORT MORESBY:

26352 -Basilisk Passage, Natara Reef. <i>K 3458</i>	9° 32.5' S 147° 08.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	30 9	10	Pile structure, white hut; 31.	Radar reflector.	
-RACON		B(- - -) period 128s		10			

*

*

43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
26384 <i>K 3464</i>	Idihi Island.	9° 25.7' S 146° 52.9' E	Fl.(2)W. period 5s	75 23	10	Metal framework tower, white square daymark, red bands.	*
26396 <i>K 3464.4</i>	Redscar Head.	9° 16.1' S 146° 54.1' E	Fl.W. period 10s	254 77	10	White hut; 10.	*
26400 <i>K 3465</i>	Yule Island.	8° 50.0' S 146° 32.1' E	Fl.(3)W. period 15s	178 54	10	Square concrete tower; 22.	*

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAINT-GILLES-SUR-VIE:							
1160 <i>D 1190</i>	-Croix de Vie Quay Range, front.	46° 41.9' N 1° 56.7' W	Q.W.	23 7	15	White square tower, red top; 23.	Intensified 033°30'-053°30'.
			*	*			43/03
1164 <i>D 1190.1</i>	--Rear, 260 meters 043°30' from front.	46° 42.0' N 1° 56.6' W	Q.W.	92 28	15	White square tower, red top; 79.	Intensified 033°30'-053°30'. Synchronized with front.
			*	*			43/03
1172 <i>D 1193</i>	-Jelee de la Garenne.	46° 41.6' N 1° 57.1' W	Fl.G. period 4s fl. 1s, ec. 3s	26 8	6	White tower, green top; 26.	Channel into port marked by lighted buoys.
			*	*			*
2060 <i>D 1561</i>	-Cabo Mayor.	43° 29.4' N 3° 47.5' W	Fl.(2)W. period 10s fl. 0.4s, ec. 2.1s fl. 0.4s, ec. 7.1s	291 89	21	White tower; 30.	Horn: Mo.(M) ev. 40s (bl. 3.5s, si. 1.5s, bl. 3.5s, si. 31.5s).
				*	*		*
3884 <i>D 2352</i>	--Breakwater, head.	36° 44.9' N 6° 25.8' W	Fl.(2)G. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	20 6	5	Green round tower; 16.	Fl.(3)G. 9s 4m 1M and Fl.(4)R. 11s 4m 3M lights mark entrance to marina.
		*			*		*
17012 <i>E 4859</i>	-Eceabat, pier, head.	40° 11.1' N 26° 21.8' E	F.G.	16 5	3	Gray framework tower; 10.	
			*	*	*		43/03
*19666 <i>E 5830.7</i>	Asagi Kovaganzi, breakwater, head.	41° 10.7' N 30° 13.7' E	Fl.G. period 5s fl. 1s, ec. 4s	20 6	5	White concrete tower; 16.	
							43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20766 -SE. <i>E 5874.6</i>		36° 33.4' N 35° 23.3' E	Fl.(2)R. period 10s fl. 1s, ec. 9s	33 10	9	White framework structure.	
			*				43/03
*23162 -Entrance. <i>D 2590.5</i>		33° 08.9' N 8° 37.0' W	Dir.Fl.(3)W.R.G. period 6s		6	Column.	G.041°-042°, W.-044°, R.-045°.
							43/03
*24798 Adjue. <i>D 3126</i>		5° 11.6' N 4° 32.5' W	Fl.W. period 4s		15	White tower; 49.	
							43/03

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9636 Goeree. <i>B 0630</i>		51° 55.5' N 3° 40.2' E	Fl.(4)W. period 20s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 10s	105 32	28	Platform island, upper structure and light tower painted red and white checkers. Helicopter platform.	Reserve light: Mo.(U)W. Horn: 4 bl. ev. 30s.
RACON			T(-)		12		*
							43/03
HAVEN VAN IJMUIDEN:							
9792 -Entrance Range, front. <i>B 0766</i>		52° 27.8' N 4° 34.5' E	F.W.R.	102 31	W. 16 R. 13	Reddish-brown round metal tower; 79.	W. 050°-122°, R.-145°, W.-160°. Storm, tidal and traffic signals.
			F.W.		4		Visible 090°30'-110°30', shown by day.
							*
							43/03
9960 -Eiland.	Eiland. <i>B 0886</i>	53° 11.0' N 4° 51.4' E	Fl.(2)W. period 10s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 7.3s	174 53	29	Red round stone tower; 114.	
							*
							43/03
9968 -Vuurboetsduin.	Vuurboetsduin. <i>B 0894</i>	53° 17.8' N 5° 03.6' E	Iso.W. period 4s	177 54	20	Brown round metal tower; 55.	
							*
							43/03
AMELANDER GAT:							
9966 -Ameland.	Ameland. <i>B 0920</i>	53° 27.0' N 5° 37.6' E	Fl.(3)W. period 15s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 8.8s	190 58	30	Red and brown round metal tower, white bands; 181.	
							*
							43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 114, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
420	Goeree Light						<i>Remove from list.</i>
						*	43/03
430	Hoek van Holland						<i>Remove from list.</i>
						*	43/03
440	Ijmuider Front Light						<i>Remove from list.</i>
						*	43/03
450	Eierland Light						<i>Remove from list.</i>
						*	43/03
460	Vlieland Light						<i>Remove from list.</i>
						*	43/03
470	Ameland Light						<i>Remove from list.</i>
						*	43/03

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13148 <i>C 5521</i>	-Pinkeli.	60° 38.0' N 28° 34.0' E	FLG. period 2s	29 9	2	Yellow post on dolphin, green rectangular daymark; 16.	*
				*			43/03
13176 <i>C 5528</i>	-Ityapalu, E. end of channel, N. side.	60° 39.0' N 28° 36.0' E	F.I.R. period 2s	19 6	2	Red concrete beacon, white band; 10.	*
				*			43/03
13232 <i>C 5546.1</i>	-Rear, 2.1 kilometers 051° from front.	60° 42.4' N 28° 44.3' E	Q.R.	58 18	5	White column, red stripe.	Visible on range line only.
				*			43/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 43/03

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43/03	SDPUB126	2002	39*,41,42,43,44,45, 48/02,24,26,27,28, 30,32,41/03	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34/03	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43/03
Region 3	2002	1/03*	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19,	SDPUB200	2002	38*,39,42/02;22,27, 34,41/03
Region 4	2002	1*,23,43/03			21,22,23,24,25,26, 31,32,34,37,42, 43/03	USCG LIGHT LIST VOLUMES I - VII COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43/03
Region 5	2002	1*,3,5,8,22,27,30, 33,38/03	SDPUB141	2001	21*,38/01	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43/03
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38/03	SDPUB142	2000	49/00*,3,31,35/01; 1,15,43/02	COMDTM165023	2003	17*,18,19,20,21,23, 24,25,26,28,29,31, 32,33,34,35,36,37, 38,39,41,43/03
Region 7	2002	1*,11,15,28/03	SDPUB143	2000	8*,10,19,29/00;16, 26/01,1/25/02;9/03	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43/03
Region 8	2002	1*,14,37,41/03	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165025	2002	16/02*
Region 9	2002	1*,34,40,43/03	SDPUB147	2001	35/01*,21,22,23, 24/02;39,40,41/03	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43/03
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43/03	SDPUB148	2001	48/01*,23,24/02;22, 42,43/03	COMDTM165027	2003	18*,20,21,22,23,24, 26,27,28,30,31,32, 33,34,35,36,37,38, 39,40,43/03
NIMA LIST OF LIGHTS			SDPUB153	2000	6/01*,28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40, 43/03	FLEET GUIDES FGPUB940ATL	2001	N47/01*
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24,25,26,27,28,29, 31,32,33,34,36,37, 38,39,41,42,43/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42/03	FGPUB941PAC	2001	N22/01*
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43/03	SDPUB155	2001	31*,48/01;10,45, 46/02	NOS MISCELLANEOUS PUBLICATIONS		
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43/03	SDPUB159	2002	42*,48/02	NOSPBCATALOG1	2000	20/00*
			SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41, 43/03	NOSPBCATALOG2	2000	34/00*
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,39,40, 41,42,43/03	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03	NOSPBCATALOG3	2000	28/00*
			SDPUB162	2001	51/01*,5,12/03	NOSPBCATALOG4	2000	34/00*
			SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43/03	ALMANACS		
			SDPUB164	2000	30/00*,31,35,36/01; 8,28/03	AIRALMANAC401	2004	29/03*
LLPUB114	2003	17*,19,21,22,23,24, 27,31,32,40,43/03	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	NAUTALMANAC04	2004	29/03*
LLPUB115	2003	42/03*	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43/03	COAST PILOT		
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43/03	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38/03	NOSPBCP1	33	27*,28,29,32,33,34, 39,42/03
			SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02; 30,39,40,41,43/03	NOSPBCP2	32	17*,18,21,22,26,28, 30,32,33,35,36,39, 42,43/03
			SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43/03	NOSPBCP3	36	34*,36,42,43/03
			SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42/03	NOSPBCP4	35	34*,36,39,42/03
			SDPUB181	2002	38*,39/02	NOSPBCP5	30	2*,6,10,12,14,18,20, 27,30,32,35,36,37, 39,42/03
			SDPUB182	2001	8*,10,12,41/02; 17/03	NOSPBCP6	33	23*,27,29,32,34,39, 42/03
			SDPUB183	2001	27/01*,13,15,16/02;	NOSPBCP7	35	37*,38,39,42/03
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15,18, 22/03	NOSPBCP8	25	32*,33,34,39,42/03
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39/03				NOSPBCP9	21	30*,32,33,36,39, 42/03
						RADIO NAVIGATIONAL AIDS		
						RAPUB117	2002	50/02*/13/03
						AMERICAN PRACTICAL NAVIGATOR		
						NVPUB9	2002	36/02*/14,38/03
						INTERNATIONAL CODE OF SIGNALS		
						CDPUBNV102	2003	20/03*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 43/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
WORLD PORT INDEX NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03		
DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE) SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR) SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*,52/00		
NOS TIDE TABLES NOSPBTTCWPACIN3	2003	N4/03*		
NOSPBTTECSTNSA3	2003	N4/03*		
NOSPBTTEURAFR3	2003	N4/03*		
NOSPBTWCSTNSA3	2003	N4/03*		
TIDAL CURRENT TABLES NOSPBTCTATCSTN3	2003	N4/03*		
NOSPBTCTPACAS3	2003	N4/03*		

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 081200Z October 2003:

2003 series	383(14)	398(GEN)	406(GEN)	409(11)
108(26,27)	387(GEN)	404(24)	407(11,26)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

NAVAREA IV WARNINGS issued from 021100Z to 081200Z October 2003.

406/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 031000Z OCT 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 383(14), 387(GEN), 398(GEN), 399(11,26), 404(24).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA IV 402/03.

(031005Z OCT 2003)

407/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0400Z TO 0359Z COMMENCING DAILY
06 THRU 12 OCT IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-33N 080-55W.
 - B. 0400Z TO 0359Z COMMENCING DAILY
06 THRU 12 OCT IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
 - C. 1300Z TO 0600Z COMMENCING DAILY
06 THRU 12 OCT IN AREA BETWEEN
30-00N 29-50N AND 081-00W 080-50W.
 - D. 100030Z TO 100230Z OCT IN AREA BOUND BY
30-35N 081-21W, 30-35N 081-00W,
30-00N 081-02W, 30-00N 081-15W.
2. CANCEL THIS MSG 130459Z OCT.

(031230Z OCT 2003)

408/03. CANCELED.

409/03(11). GULF OF MEXICO. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 130500Z TO 222359Z OCT IN AREA BETWEEN 27-30.0N 27-31.0N AND 097-12.5W 097-11.5W.
2. CANCEL THIS MSG 230059Z OCT.

(080001Z OCT 2003)

SECTION III

HYDROLANTS

Messages in force 081200Z October 2003:

2000 series	2869(52)	1291(37)	1676(57)	1845(55)	1882(52,56)
2937(38)	2882(54)	1374(52,53)	1707(52)	1847(53)	1883(24)
3762(43)	2883(54)	1422(53)	1718(24)	1853(24)	1884(35)
4265(44)	2003 series	1472(35)	1731(35)	1856(53)	1890(37)
2001 series	41(37)	1522(51,52)	1750(37)	1860(24)	1892(37)
611(44)	67(37)	1553(37)	1780(51,52)	1863(37)	1893(51)
2700(37)	544(55)	1591(37)	1791(52,53)	1865(24)	1894(53)
3161(44)	604(26,27)	1600(37)	1801(35)	1866(53)	1895(35)
2002 series	738(35)	1606(24)	1825(GEN)	1870(56)	1896(22)
245(GEN)	754(37)	1607(24)	1830(37)	1871(23,24)	1897(24)
246(GEN)	867(37)	1619(57)	1833(37)	1873(23)	1898(55)
2203(51)	1117(37)	1620(53,56)	1834(22)	1874(GEN)	
2682(51)	1242(24)	1646(24)	1835(GEN)	1876(52)	
2848(37)	1255(44)	1647(51,52)	1844(53)	1877(53)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

HYDROLANT WARNINGS issued from 021100Z to 081200Z October 2003.

1871/03(23,24). SOUTH ATLANTIC.

DISTRESS SIGNAL RECEIVED IN 36-09S 046-20W. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC URUGUAY,
INMARSAT-C: 4974 80210, TELEX: 22557, PHONE: 916 8901.

(021500Z OCT 2003)

1872/03. CANCELED.

1873/03(23). SOUTH ATLANTIC. ARGENTINA.

1. DERELICT F/V PETREL ADRIFT IN 46-26S 065-15W.
2. CANCEL THIS MSG 10 OCT.

(030810Z OCT 2003)

1874/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 031000Z OCT 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 1606(24), 1607(24), 1619(57), 1620(53,56),
1646(24), 1647(51,52), 1672(56), 1676(57), 1707(52),
1718(24), 1723(36,37), 1731(35), 1750(37), 1780(51,52),
1781(53), 1791(52,53), 1801(35), 1823(37), 1825(GEN),
1826(55), 1827(53), 1830(37), 1833(37), 1834(22), 1835(GEN),
1843(55), 1844(53), 1845(55), 1846(53), 1847(53), 1853(24),
1855(23,29,57), 1856(53), 1858(55), 1860(24), 1861(54),
1862(54), 1863(37), 1865(24), 1866(53), 1868(24), 1869(23),
1870(56), 1871(23,24), 1873(23).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL HYDROLANT 1601/03, 1625/03, 1854/03.

(031010Z OCT 2003)

1875/03. CANCELED.

1876/03(52). ALBORAN SEA. GUNNERY.

1. GUNNERY EXERCISES 101200Z TO 101900Z OCT IN AREAS:
A. BOUND BY 35-50N 004-50W, 35-50N 004-40W,
35-43N 004-40W, 35-30N 004-50W.
B. BETWEEN 35-50N 35-30N AND 004-40W 004-20W.
C. BETWEEN 35-50N 35-30N AND 004-20W 004-00W.
D. BETWEEN 35-50N 35-30N AND 004-00W 003-40W.
E. BETWEEN 35-50N 35-30N AND 003-40W 003-20W.
2. CANCEL HYDROLANT 1723/03(36,37), STATION RESTORED.
3. CANCEL THIS MSG 102000Z OCT.

(031200Z OCT 2003)

1877/03(53). STRAIT OF SICILY.

CHART 52180 (14TH ED).
DANGEROUS WRECK IN 36-56.6N 011-30.0E.

(032014Z OCT 2003)

SECTION III

1878/03 thru 1881/03. CANCELED.

1882/03(52,56). EASTERN MEDITERRANEAN.
 VESSEL, 40 PERSONS ON BOARD, IN NEED OF ASSISTANCE
 IN 33-40N 012-07E. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC TRIPOLI, FAX: 002 182 1444 6722.

(041258Z OCT 2003)

1883/03(24). SOUTH ATLANTIC. GUNNERY.
 1. GUNNERY EXERCISES 0900Z TO 2200Z DAILY 08 AND 09 OCT
 IN AREA BETWEEN 35-20S 35-45S AND 054-45W 055-16W.
 2. CANCEL THIS MSG 092300Z OCT.

(041546Z OCT 2003)

1884/03(35). SCOTLAND-WEST COAST. RADIO SERVICES.
 1. MRCC CLYDE TIREE SITE 56-30N 006-59W MF DSC UNRELIABLE.
 2. CANCEL HYDROLANT 1843/03(55) AND 1858/03(55).

(050120Z OCT 2003)

1885/03 thru 1889/03. CANCELED.

1890/03(37). BRAZIL-EAST COAST.
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 222359Z OCT
 BY CABLESHIP LEON THEVENIN IN 07-37.7S 032-28.9W.
 WIDE BERTH REQUESTED.
 2. CANCEL HYDROLANT 1879/03.
 3. CANCEL THIS MSG 230059Z OCT.

(060517Z OCT 2003)

1891/03. CANCELED.

1892/03(37). BAY OF BISCAY. MISSILES.
 1. HAZARDOUS OPERATIONS 090700Z TO 090900Z AND
 091300Z TO 091700Z OCT:
 A. IN AREA BOUND BY 47-33N 008-04W, 47-15N 007-19W,
 45-50N 008-32W, 46-06N 009-15W.
 B. WITHIN 50 MILES OF 46-50N 008-40W.
 2. CANCEL THIS MSG 091800Z OCT.

(071443Z OCT 2003)

1893/03(51). NORTH ATLANTIC.
 1. DERELICT VESSEL ADRIFT VICINITY 33-59.5N 035-19.5W
 AT 071150Z OCT.
 2. CANCEL THIS MSG 14 OCT.

(071449Z OCT 2003)

1894/03(53). SICILIA-EAST COAST. GUNNERY.
 1. GUNNERY EXERCISES 090800Z TO 091200Z OCT
 WITHIN TEN MILES OF 37-45N 016-30E.
 2. CANCEL HYDROLANT 1781/03, SURVEY COMPLETED.
 3. CANCEL HYDROLANT 1846/03, AID RESTORED.
 4. CANCEL THIS MSG 091300Z OCT.

(072300Z OCT 2003)

1895/03(35). SCOTLAND-WEST COAST. MISSILES.
 1. HAZARDOUS OPERATIONS 1000Z TO 1800Z DAILY
 08 AND 09 OCT WITHIN 75 MILES OF 57-37N 010-42W.
 2. CANCEL THIS MSG 091900Z OCT.

(080245Z OCT 2003)

1896/03(22). SOUTH ATLANTIC.
 CHART 22471 (31ST ED).
 PLATFORM ESTABLISHED IN 52-41.0S 068-02.5W.
 THREE MILE BERTH REQUESTED.

(080356Z OCT 2003)

1897/03(24). BRAZIL-SOUTHEAST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 120259Z OCT
 BY M/V CGG HARMATTAN TOWING SIX 6000 METER
 LONG CABLES IN AREA BOUND BY
 23-12S 039-56W, 23-12S 039-10W,
 23-46S 039-12W, 23-46S 039-59W.
 FOUR MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 120359Z OCT.

(080510Z OCT 2003)

SECTION III

NM 43/03

1898/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 1500Z TO 1800Z DAILY
13 AND 14 OCT IN AREA BOUND BY
45-03.5N 036-22.5E, 44-52.1N 036-22.5E,
44-49.6N 035-50.5E, 45-00.0N 035-50.5E.
2. CANCEL THIS MSG 141900Z OCT.

(081020Z OCT 2003)

SECTION III

NM 43/03

NAVAREA XII

Messages in force 081200Z October 2003:

2003 series	271(19)	279(18)	283(GEN)
	262(GEN)	272(GEN)	280(GEN)

The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

NAVAREA XII WARNINGS issued from 021100Z to 081200Z October 2003.

280/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 031000Z OCT 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 262(GEN), 271(19), 272(GEN), 279(18).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA XII 274/03, 277/03.

(031015Z OCT 2003)

281/03 and 282/03. CANCELED.

283/03(GEN). NORTH PACIFIC. RUSSIA.

LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, OFF AIR.

(040029Z OCT 2003)

284/03. CANCELED.

SECTION III

HYDROPACS

Messages in force 081200Z October 2003:

2001 series	638(62)	1330(62)	1552(94)	1655(29)	1703(62)
1976(62)	667(62)	1371(71,93)	1553(61)	1657(19,97)	1704(GEN)
2002 series	760(63)	1395(62)	1556(91,94)	1658(61)	1705(63)
205(GEN)	761(63)	1398(74)	1558(81,97)	1660(95)	1707(63)
206(GEN)	801(72)	1456(21,22,83)	1559(71)	1661(94,95)	1708(63)
352(73)	880(63)	1461(81)	1562(63)	1662(95)	1709(63)
403(72,73)	895(62)	1467(61)	1583(62)	1663(94,95)	1710(GEN)
2191(22)	960(63)	1476(93)	1584(62)	1664(94,95)	1717(84)
2199(63)	992(62)	1485(22)	1592(63)	1665(94,95)	1729(63)
2330(62)	993(62)	1495(81)	1600(94,97)	1666(71)	1730(63)
2339(63)	998(71)	1498(19,97)	1624(19,81)	1672(GEN)	1731(61)
2003 series	1010(63)	1499(81,91,97)	1632(19,97)	1686(63)	1732(75)
167(95)	1041(71)	1505(61)	1635(81)	1687(81)	1733(75)
197(71)	1110(61)	1510(81)	1644(96)	1688(62)	1734(74)
207(62)	1198(92)	1514(62)	1645(94)	1692(63)	1735(95,97)
445(96)	1213(73)	1515(83)	1646(63)	1695(63)	1736(63)
495(62)	1220(62)	1517(62)	1648(83)	1696(62)	1737(63)
496(62)	1222(62)	1518(62)	1649(94,97)	1697(61)	1738(91)
506(62)	1248(63)	1540(81)	1650(93)	1698(22)	1741(96)
515(73)	1266(73)	1542(19,81)	1652(63)	1699(63)	
525(73,74)	1267(73)	1546(91,93,94)	1653(63)	1700(62)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03, 26/03 and 39/03.

HYDROPAC WARNINGS issued from 021100Z to 081200Z October 2003.

1703/03(62). RED SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0300Z TO 1500Z DAILY
06 THRU 11 OCT IN AREAS BOUND BY:
A. 21-06.0N 038-58.5E, 21-05.5N 039-07.0E,
21-13.5N 039-06.2E, 21-13.4N 038-58.5E.
B. 25-39.0N 036-01.0E, 25-50.0N 036-31.0E,
24-18.5N 037-31.0E, 24-10.0N 036-50.0E.
2. CANCEL THIS MSG 111600Z OCT.

(030910Z OCT 2003)

1704/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 031000Z OCT 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 1456(21,22,83), 1461(81), 1467(61), 1476(93),
1485(22), 1495(81), 1498(19,97), 1499(81,91,97), 1505(61),
1510(81), 1514(62), 1515(83), 1517(62), 1518(62), 1523(74),
1540(81), 1542(19,81), 1546(91,93,94), 1552(94), 1553(61),
1556(91,94), 1558(81,97), 1559(71), 1562(63), 1583(62),
1584(62), 1592(63), 1600(94,97), 1624(19,81), 1632(19,97),
1635(81), 1644(96), 1645(94), 1646(63), 1648(83),
1649(94,97), 1650(93), 1652(63), 1653(63), 1655(29),
1657(19,97), 1658(61), 1660(95), 1661(94,95), 1662(95),
1663(94,95), 1664(94,95), 1665(94,95), 1666(71), 1669(63),
1671(63), 1672(GEN), 1677(94), 1683(75), 1686(63), 1687(81),
1688(62), 1691(83), 1692(63), 1694(23,29), 1695(63),
1696(62), 1697(61), 1698(22), 1699(63), 1700(62), 1703(62).

2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.

3. CANCEL HYDROPAC 637/02, 1437/03, 1693/03.

(031040Z OCT 2003)

1705/03(63). ANDAMAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 081200Z TO 081230Z OCT IN AREA BOUND BY 11-41.0N 092-45.0E, 11-38.5N 092-45.0E,
11-31.7N 092-53.0E, 11-47.5N 092-53.0E.
2. CANCEL THIS MSG 081330Z OCT.

(031325Z OCT 2003)

1706/03. CANCELED.

SECTION III

1707/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY
07 AND 08 OCT IN AREA BOUND BY
19-14.6N 084-53.7E, 19-10.5N 085-01.0E,
19-01.7N 084-56.8E, 19-05.1N 084-48.4E,
19-12.6N 084-51.6E.
2. CANCEL THIS MSG 081330Z OCT.

(031400Z OCT 2003)

1708/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 08 AND 09 OCT
WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 091700Z OCT.

(031415Z OCT 2003)

1709/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 07 AND 10 OCT
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 101630Z OCT.

(031430Z OCT 2003)

1710/03(GEN). NORTH PACIFIC. RUSSIA.

LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, OFF AIR.

(040026Z OCT 2003)

1711/03 thru 1716/03. CANCELED.

1717/03(84). SOUTH PACIFIC. AMERICAN SAMOA.

CHART 83484 (10TH ED).
STEPS POINT LIGHT 14-22.4S 170-45.5W AT REDUCED INTENSITY.

(050130Z OCT 2003)

1718/03 thru 1728/03. CANCELED.

1729/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 090430Z TO 090730Z OCT WITHIN 20 MILES
OF 15-24.6N 073-47.1E.
2. CANCEL THIS MSG 090830Z OCT.

(061635Z OCT 2003)

1730/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 090900Z TO 091200Z OCT WITHIN 75 MILES
OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 091300Z OCT.

(061638Z OCT 2003)

1731/03(61). INDIAN OCEAN. MISSILES.

1. HAZARDOUS OPERATIONS 0330Z TO 0830Z DAILY
09 THRU 11 OCT IN AREA BOUND BY
21-35S 055-30E, 21-35S 056-40E, 23-10S 056-40E,
23-10S 054-45E, 21-55S 054-45E.
2. CANCEL THIS MSG 110930Z OCT.

(070130Z OCT 2003)

1732/03(75). AUSTRALIA-SOUTH COAST.

CHART 75143 (4TH ED).
RACON AT MIDDLE BANK SOUTH LIGHT 33-44.0S 137-29.7E UNRELIABLE.

(070710Z OCT 2003)

1733/03(75). AUSTRALIA-SOUTHWEST COAST.

CHART 75051 (6TH ED).
ECLIPSE ISLAND LIGHT 35-10.8S 117-53.2E UNLIT.

(070905Z OCT 2003)

1734/03(74). AUSTRALIA-NORTHEAST COAST.

CHART 74210 (7TH ED).
DANGEROUS SUBMERGED ROCK, LEAST DEPTH 9.6 METERS,
IN 22-10.58S 150-39.79E.

(070915Z OCT 2003)

1735/03(95,97). EAST CHINA SEA.

1. SUBMARINE CABLE OPERATIONS 080001Z OCT TO 010001Z DEC
VICINITY OF TRACKLINE BETWEEN 29-49.0N 124-33.5E AND
29-49.2N 125-15.9E.
2. CANCEL THIS MSG 010101Z DEC.

(070935Z OCT 2003)

SECTION III

NM 43/03

1736/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS THRU 28 FEB 04 BY
M/V SAGAR SANDHANI TOWING 6500 METER LONG CABLE
IN AREA BOUND BY 19-12.8N 071-33.6E,
19-12.8N 071-52.3E, 18-58.0N 071-52.3E,
18-58.0N 071-47.6E, 18-54.8N 071-47.6E,
18-54.8N 071-38.7E, 19-06.3N 071-33.6E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 29 FEB 04.

(071206Z OCT 2003)

1737/03(63). NICOBAR ISLANDS.

1. SEISMIC SURVEY IN PROGRESS 08 THRU 11 OCT BY
M/V MEZEN TOWING 6000 METER LONG CABLE
IN AREA BOUND BY 10-16.6N 091-28.3E,
10-12.3N 091-45.4E, 06-39.4N 092-35.2E,
07-01.3N 093-14.3E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 12 OCT.

(071214Z OCT 2003)

1738/03(91). SOUTH CHINA SEA. GUNNERY.

1. GUNNERY EXERCISES 090100Z TO 090500Z OCT IN
AREA BETWEEN 14-15N 14-20N AND 120-25E 120-30E.
2. CANCEL THIS MSG 090600Z OCT.

(071452Z OCT 2003)

1739/03 and 1740/03. CANCELED.

1741/03(96). SEA OF JAPAN. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 2300Z TO 0200Z COMMENCING
DAILY 13 THRU 15 OCT AND 0400Z TO 0700Z DAILY
14 THRU 16 OCT IN AREA BOUND BY
42-20.0N 131-41.0E, 42-40.0N 131-41.0E,
42-38.5N 132-15.0E, 42-20.0N 132-15.0E.
2. CANCEL THIS MSG 160800Z OCT.

(080930Z OCT 2003)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 8 October 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 8 October 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**WARNING ON USE OF FLOATING AIDS TO NAVIGATION TO FIX A NAVIGATIONAL POSITION**

The aids to navigation depicted on charts comprise a system consisting of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid.

The buoy symbol is used to indicate the approximate position of the buoy body and the沉器 which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecisions in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain and the fact that buoy and/or沉器 positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice or other natural causes, collisions, or other accidents.

For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

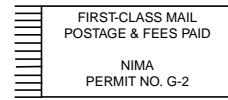
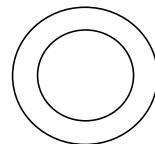
Sounding(s) corrected for draft: Yes No

Details of Information Reported (continue on additional sheets as necessary) _____

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

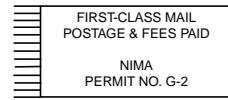
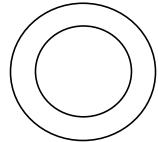
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

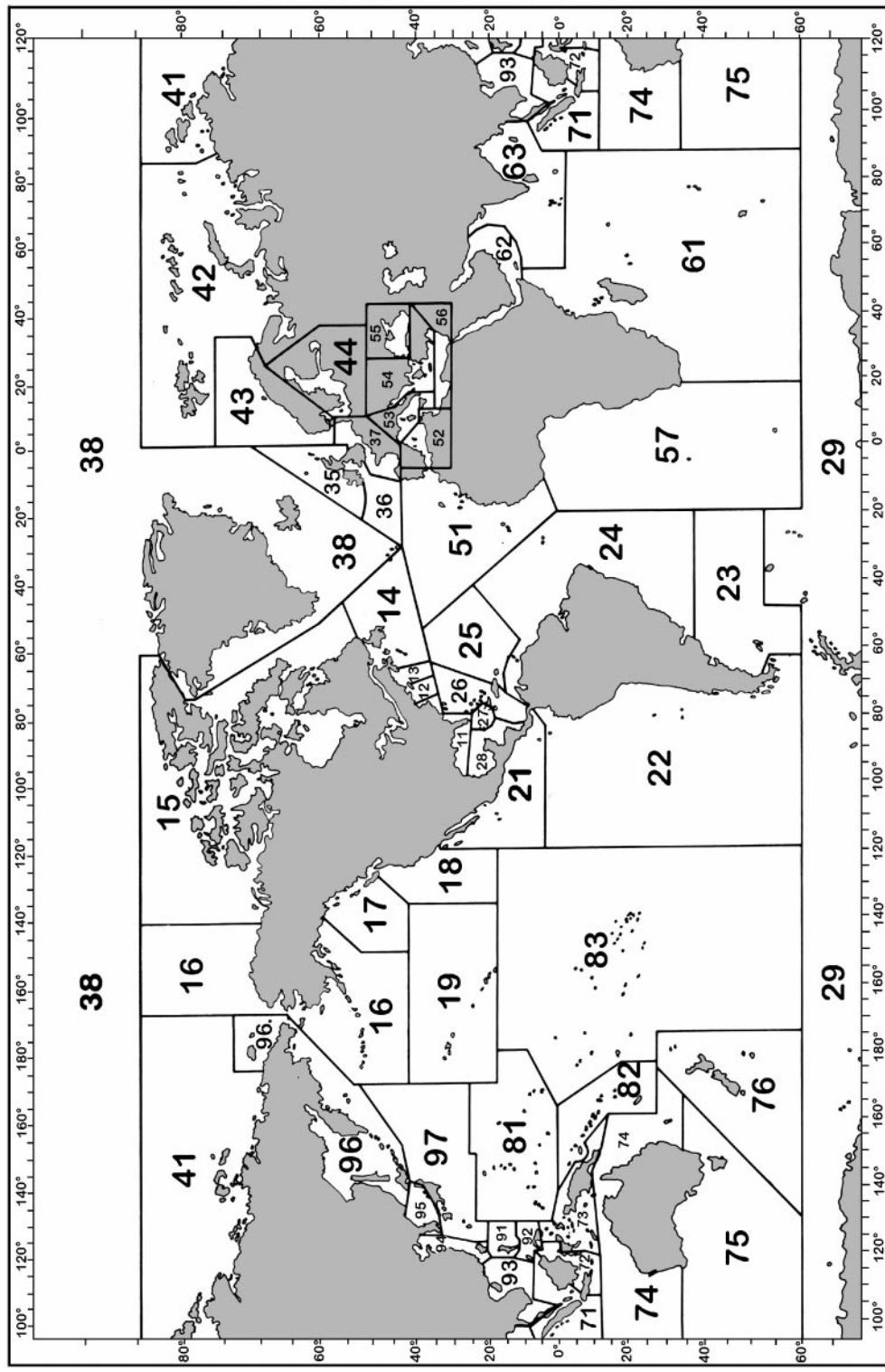
Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

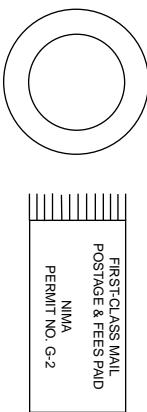
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY